Multiplying polynomials - Fractions - Simplify product of binomials

Simplify product of fractions with two variables:

1) $\left(x - 1\frac{1}{8}y\right)\left(-2y + 1\frac{1}{5}x\right)$

2) $\left(\frac{5}{6}u + 1\frac{2}{5}v\right)\left(8u + 3\frac{1}{5}v\right)$

3) $\left(3\frac{1}{6}a + 1\frac{1}{3}b\right)\left(1\frac{4}{5}a + 4\frac{1}{7}b\right)$

4) $\left(3\frac{5}{6}a - 1\frac{1}{4}b\right)\left(2\frac{1}{2}a - \frac{1}{2}b\right)$

5) $\left(2x - 1\frac{3}{4}y\right)\left(y + \frac{1}{3}x\right)$

6) $\left(1\frac{1}{6}m + 3\frac{2}{3}n\right)\left(\frac{3}{8}m + \frac{1}{3}n\right)$

7) $\left(3\frac{1}{2}x - \frac{2}{5}y\right)\left(y + 1\frac{1}{2}x\right)$

8) $\left(\frac{4}{7}m - 1\frac{1}{7}n\right)\left(2n + \frac{4}{7}m\right)$

9) $\left(1\frac{1}{2}x - 1\frac{2}{7}y\right)\left(3\frac{1}{4}x - 1\frac{1}{8}y\right)$

10) $\left(2\frac{2}{3}x + \frac{1}{3}y\right)\left(2\frac{1}{2}x - 1\frac{1}{2}y\right)$

11) $\left(3\frac{3}{4}x - 1\frac{1}{2}y\right)\left(1\frac{4}{5}x - 1\frac{2}{5}y\right)$

12) $\left(\frac{5}{6}x + 4\frac{4}{5}y\right)\left(1\frac{5}{6}x + 1\frac{1}{6}y\right)$

13) $\left(4\frac{6}{7}x + \frac{1}{2}y\right)\left(x + 1\frac{3}{5}y\right)$

14) $\left(2v + 1\frac{2}{3}u\right)\left(-6v + 1\frac{3}{7}u\right)$

15) $\left(-v + 2\frac{3}{4}u\right)\left(2u - 3\frac{1}{2}v\right)$

16) $\left(4\frac{5}{7}x + \frac{1}{4}y\right)\left(\frac{3}{8}x + 1\frac{2}{3}y\right)$

17) $\left(1\frac{5}{7}x + \frac{1}{4}y\right)\left(\frac{1}{2}x + 3\frac{1}{7}y\right)$

18) $\left(1\frac{1}{7}x + 4\frac{2}{5}y\right)\left(-2y + 1\frac{4}{7}x\right)$

19) $\left(1\frac{2}{3}a + 1\frac{1}{4}b\right)\left(\frac{3}{5}a + 3\frac{1}{3}b\right)$

20) $\left(-b + 3\frac{3}{4}a\right)\left(\frac{5}{8}a + 2\frac{4}{5}b\right)$

21) $\left(2y + 1\frac{6}{7}x\right)\left(\frac{5}{8}x + \frac{1}{6}y\right)$

22) $\left(1\frac{1}{2}m + 1\frac{1}{3}n\right)\left(3\frac{5}{6}m + 3\frac{1}{7}n\right)$

23) $\left(4\frac{1}{4}m - 1\frac{4}{7}n\right)\left(\frac{1}{2}m + \frac{3}{7}n\right)$

24) $\left(\frac{1}{7}x - 3\frac{2}{7}y\right)\left(1\frac{1}{5}x + 1\frac{1}{6}y\right)$

25) $\left(4\frac{3}{7}x + 2\frac{3}{8}y\right)\left(3\frac{1}{6}x + 1\frac{3}{5}y\right)$

26) $\left(1\frac{4}{5}x + 1\frac{5}{6}y\right)\left(3x + 1\frac{3}{7}y\right)$

27) $\left(5\frac{5}{8}x + 1\frac{1}{2}y\right)\left(-2y + 2\frac{1}{4}x\right)$

28) $\left(\frac{1}{4}x + 1\frac{1}{2}y\right)\left(2x - 3\frac{1}{4}y\right)$

29) $\left(2u + 1\frac{1}{2}v\right)\left(3\frac{1}{2}u - \frac{3}{5}v\right)$

30) $\left(\frac{3}{5}x + \frac{4}{7}y\right)\left(1\frac{1}{4}x + \frac{7}{8}y\right)$

31) $\left(1\frac{7}{8}x + 4\frac{1}{6}y\right)\left(4\frac{5}{8}x - 1\frac{3}{4}y\right)$

32) $\left(1\frac{3}{8}u + \frac{1}{5}v\right)\left(-v + 4\frac{1}{6}u\right)$

33) $\left(-8b + \frac{3}{4}a\right)\left(4\frac{3}{4}a - 1\frac{2}{3}b\right)$

34) $\left(-2y + \frac{4}{5}x\right)\left(1\frac{4}{5}x + 3\frac{4}{7}y\right)$

35) $\left(2y + \frac{1}{5}x\right)\left(2x - 1\frac{1}{6}y\right)$

36) $\left(1\frac{1}{2}a - 1\frac{7}{8}b\right)\left(3\frac{7}{8}a - 1\frac{2}{3}b\right)$

37) $\left(\frac{2}{5}x + \frac{1}{2}y\right)\left(4x + 1\frac{1}{2}y\right)$

38) $\left(2x - 6\frac{1}{8}y\right)\left(5y + 2\frac{5}{6}x\right)$

39) $\left(-n + 3\frac{1}{2}m\right)\left(5\frac{1}{7}m + \frac{1}{2}n\right)$

40) $\left(2\frac{1}{8}m + 2\frac{5}{7}n\right)\left(1\frac{1}{8}m + 2\frac{3}{8}n\right)$

41) $\left(x - 6\frac{1}{4}y\right)\left(2x + \frac{3}{4}y\right)$

42) $\left(-2y + 1\frac{1}{2}x\right)\left(\frac{4}{7}x - 1\frac{5}{6}y\right)$

43) $\left(1\frac{1}{6}x + 3\frac{1}{2}y\right)\left(\frac{1}{5}x + \frac{3}{8}y\right)$

44) $\left(3x - \frac{2}{3}y\right)\left(-y + \frac{1}{4}x\right)$

45) $\left(\frac{1}{6}u + 3\frac{1}{7}v\right)\left(3\frac{4}{7}u + 4\frac{7}{8}v\right)$

46) $\left(-3v + 2\frac{1}{6}u\right)\left(u - 3\frac{5}{8}v\right)$

47) $\left(2y + 4\frac{2}{3}x\right)\left(-y + 1\frac{1}{5}x\right)$

48) $\left(\frac{2}{3}a + 4\frac{1}{2}b\right)\left(2b + 1\frac{1}{2}a\right)$

49) $\left(4\frac{1}{2}x - 1\frac{2}{3}y\right)\left(x - 1\frac{3}{5}y\right)$

50) $\left(\frac{2}{3}x - 1\frac{1}{6}y\right)\left(2\frac{3}{5}x + 3\frac{1}{3}y\right)$

51) $\left(1\frac{3}{7}a + 1\frac{1}{4}b\right)\left(a + 3\frac{2}{3}b\right)$

52) $\left(-2n + \frac{1}{3}m\right)\left(2n + 3\frac{3}{8}m\right)$

53) $\left(n + 3\frac{4}{7}m\right)\left(2\frac{4}{7}m - \frac{1}{3}n\right)$

54) $\left(\frac{1}{2}x + \frac{1}{4}y\right)\left(1\frac{1}{2}x + 1\frac{1}{2}y\right)$

55) $\left(1\frac{1}{3}x - 1\frac{5}{8}y\right)\left(4\frac{3}{4}x - 1\frac{2}{3}y\right)$

56) $\left(5x + 3\frac{1}{7}y\right)\left(1\frac{1}{2}x + \frac{6}{7}y\right)$

57) $\left(-6y + \frac{1}{3}x\right)\left(1\frac{2}{5}x - 5\frac{2}{5}y\right)$

58) $\left(\frac{2}{3}u - 2\frac{4}{5}v\right)\left(1\frac{1}{8}u - \frac{3}{8}v\right)$

59) $\left(1\frac{3}{7}x + 1\frac{4}{5}y\right)\left(x - 1\frac{1}{2}y\right)$

60) $\left(2\frac{1}{4}u + 4\frac{1}{2}v\right)\left(\frac{1}{2}u + 1\frac{1}{8}v\right)$

61) $\left(-2y + 1\frac{2}{7}x\right)\left(\frac{6}{7}x - \frac{3}{4}y\right)$

62) $\left(\frac{3}{4}a + \frac{2}{3}b\right)\left(a + 1\frac{1}{2}b\right)$

63) $\left(4\frac{3}{7}x + 4\frac{1}{2}y\right)\left(1\frac{2}{3}x - 2\frac{3}{4}y\right)$

64) $\left(2a + 1\frac{3}{4}b\right)\left(-2b + 4\frac{6}{7}a\right)$

65) $\left(-y + 4\frac{7}{8}x\right)\left(1\frac{1}{3}x + 3\frac{5}{7}y\right)$

66) $\left(4\frac{2}{7}x - 1\frac{6}{7}y\right)\left(1\frac{2}{7}x + 4\frac{2}{3}y\right)$

67) $\left(2m - \frac{2}{3}n\right)\left(2n + \frac{1}{2}m\right)$

68) $\left(4\frac{1}{4}m - 3\frac{1}{6}n\right)\left(5\frac{1}{6}m - 2\frac{7}{8}n\right)$

69) $\left(2x + 1\frac{3}{7}y\right)\left(\frac{1}{2}x + 3\frac{5}{6}y\right)$

70) $\left(1\frac{1}{4}x + 1\frac{1}{4}y\right)\left(1\frac{3}{5}x - 1\frac{1}{7}y\right)$

71) $\left(\frac{4}{5}x - \frac{3}{7}y\right)\left(-5y + 1\frac{1}{4}x\right)$

72) $\left(1\frac{5}{8}x - 3\frac{1}{4}y\right)\left(1\frac{1}{4}x + 1\frac{2}{3}y\right)$

73) $\left(2\frac{1}{2}u - \frac{5}{7}v\right)\left(\frac{1}{8}u - 3\frac{1}{7}v\right)$

74) $\left(\frac{1}{2}x + 1\frac{2}{3}y\right)\left(2x - 2\frac{2}{5}y\right)$

75) $\left(\frac{6}{7}x + \frac{2}{3}y\right)\left(2\frac{2}{3}x + \frac{2}{3}y\right)$

76) $\left(2x + 2\frac{1}{3}y\right)\left(x - 2\frac{1}{7}y\right)$

77) $\left(\frac{7}{8}u + 1\frac{1}{2}v\right)\left(1\frac{1}{2}u + 1\frac{5}{6}v\right)$

78) $\left(7a + 2\frac{3}{4}b\right)\left(2a + \frac{5}{8}b\right)$

79) $\left(-4y + \frac{4}{5}x\right)\left(2\frac{1}{4}x + 3\frac{1}{8}y\right)$

80) $\left(3\frac{1}{5}x - 3\frac{2}{5}y\right)\left(1\frac{1}{2}x - 1\frac{3}{5}y\right)$

81) $\left(1\frac{1}{2}a - 2\frac{2}{7}b\right)\left(3\frac{1}{3}a + \frac{5}{8}b\right)$

82) $\left(2m - \frac{1}{4}n\right)\left(\frac{2}{3}m - 3\frac{2}{3}n\right)$

83) $\left(\frac{5}{6}x + 1\frac{3}{5}y\right)\left(2y + \frac{2}{5}x\right)$

84) $\left(-y + \frac{2}{5}x\right)\left(1\frac{1}{3}x + 1\frac{3}{5}y\right)$

85) $\left(\frac{1}{2}m - \frac{1}{3}n\right)\left(\frac{6}{7}m + \frac{2}{7}n\right)$

86) $\left(x - 1\frac{6}{7}y\right)\left(2x - 1\frac{5}{6}y\right)$

87) $\left(\frac{1}{3}u + 1\frac{1}{3}v\right)\left(1\frac{2}{3}u + 1\frac{1}{2}v\right)$

88) $\left(5x + 1\frac{1}{2}y\right)\left(\frac{1}{3}x + 4\frac{1}{4}y\right)$

89) $\left(2x + 1\frac{1}{2}y\right)\left(-y + 3\frac{1}{4}x\right)$

90) $\left(8\frac{1}{3}x - 3\frac{1}{6}y\right)\left(2x - 1\frac{5}{6}y\right)$

91) $\left(1\frac{2}{5}x + 1\frac{1}{6}y\right)\left(\frac{1}{2}x + 3\frac{1}{4}y\right)$

92) $\left(4\frac{5}{6}u + 4\frac{4}{7}v\right)\left(u + 1\frac{1}{2}v\right)$

93) $\left(-y + 1\frac{1}{2}x\right)\left(\frac{1}{6}x - 3\frac{3}{4}y\right)$

94) $\left(1\frac{1}{7}a - 1\frac{2}{7}b\right)\left(\frac{3}{5}a + \frac{1}{5}b\right)$

95) $\left(4\frac{2}{3}x - \frac{2}{5}y\right)\left(2\frac{3}{4}x + 1\frac{3}{8}y\right)$

96) $\left(1\frac{1}{6}a + \frac{1}{5}b\right)\left(\frac{1}{3}a + 1\frac{1}{4}b\right)$

97) $\left(4\frac{1}{3}x - 3\frac{1}{2}y\right)\left(3\frac{4}{5}x + 1\frac{2}{7}y\right)$

98) $\left(\frac{3}{7}m + 4\frac{4}{5}n\right)\left(2\frac{5}{6}m - 3\frac{1}{2}n\right)$

99) $\left(m + 4\frac{1}{8}n\right)\left(2\frac{1}{8}m - 1\frac{1}{4}n\right)$

100) $\left(-2y + 3\frac{2}{3}x\right)\left(1\frac{1}{4}x - 1\frac{1}{3}y\right)$

101) $\left(2y + 1\frac{1}{12}x\right)\left(1\frac{1}{10}x + \frac{1}{2}y\right)$

102) $\left(1\frac{7}{8}x - \frac{2}{3}y\right)\left(\frac{3}{10}x - \frac{1}{4}y\right)$

103) $\left(y + 6\frac{2}{3}x\right)\left(6\frac{1}{2}x + 6\frac{8}{9}y\right)$

104) $\left(v + \frac{2}{5}u\right)\left(\frac{2}{5}u + 3\frac{6}{11}v\right)$

105) $\left(3\frac{4}{9}x + \frac{5}{7}y\right)\left(6\frac{4}{7}x + 2\frac{1}{6}y\right)$

106) $\left(\frac{1}{2}u - 3\frac{7}{10}v\right)\left(4\frac{3}{11}u + \frac{5}{8}v\right)$

107) $\left(-2y + 1\frac{1}{7}x\right)\left(4\frac{5}{7}x - \frac{8}{11}y\right)$

108) $\left(\frac{1}{2}x + 3\frac{4}{7}y\right)\left(\frac{3}{8}x + 1\frac{2}{3}y\right)$

109) $\left(2x + 1\frac{1}{2}y\right)\left(8x + 2\frac{3}{5}y\right)$

110) $\left(4\frac{1}{8}a + 1\frac{3}{4}b\right)\left(\frac{1}{9}a - 1\frac{8}{9}b\right)$

111) $\left(\frac{5}{6}a - 1\frac{1}{7}b\right)\left(\frac{2}{5}a + \frac{8}{11}b\right)$

112) $\left(2\frac{1}{12}m - 2\frac{2}{5}n\right)\left(6\frac{1}{10}m + \frac{3}{4}n\right)$

113) $\left(7y + 2\frac{1}{11}x\right)\left(6\frac{1}{2}x - \frac{3}{4}y\right)$

114) $\left(1\frac{1}{2}m - \frac{3}{11}n\right)\left(5\frac{3}{10}m + 1\frac{1}{6}n\right)$

115) $\left(4\frac{3}{4}x + 1\frac{2}{3}y\right)\left(5\frac{11}{12}x + \frac{2}{11}y\right)$

116) $\left(\frac{3}{8}x - 1\frac{1}{2}y\right)\left(5\frac{7}{9}x - 1\frac{1}{6}y\right)$

117) $\left(1\frac{3}{5}x - 1\frac{4}{5}y\right)\left(8y + 1\frac{3}{5}x\right)$

118) $\left(\frac{5}{6}u - 1\frac{2}{5}v\right)\left(2v + \frac{1}{3}u\right)$

119) $\left(1\frac{2}{7}x + 2\frac{5}{8}y\right)\left(2y + \frac{8}{9}x\right)$

120) $\left(1\frac{1}{5}u - 1\frac{3}{4}v\right)\left(\frac{2}{11}u + 1\frac{4}{11}v\right)$

121) $\left(12\frac{3}{5}x - \frac{1}{7}y\right)\left(x + 4\frac{3}{7}y\right)$

122) $\left(1\frac{7}{12}a - 1\frac{4}{9}b\right)\left(\frac{1}{12}a - \frac{2}{3}b\right)$

123) $\left(2x + \frac{1}{3}y\right)\left(\frac{3}{11}x - 1\frac{1}{8}y\right)$

124) $\left(\frac{1}{2}a - 3\frac{6}{7}b\right)\left(\frac{8}{9}a + \frac{3}{4}b\right)$

125) $\left(\frac{5}{11}x - 1\frac{1}{6}y\right)\left(3\frac{7}{12}x + 1\frac{2}{5}y\right)$

126) $\left(3\frac{1}{2}x - 3\frac{2}{9}y\right)\left(\frac{2}{3}x + \frac{3}{8}y\right)$

127) $\left(6\frac{1}{8}m + 4\frac{1}{2}n\right)\left(1\frac{1}{5}m + \frac{1}{9}n\right)$

128) $\left(5\frac{5}{7}x + 3\frac{1}{12}y\right)\left(2\frac{2}{5}x + 6\frac{2}{7}y\right)$

129) $\left(\frac{1}{2}m + 5\frac{11}{12}n\right)\left(4\frac{7}{11}m + 4\frac{1}{10}n\right)$

130) $\left(\frac{1}{2}x + \frac{1}{2}y\right)\left(4\frac{9}{11}x - 1\frac{2}{7}y\right)$

131) $\left(2x - 1\frac{1}{10}y\right)\left(2\frac{9}{11}x - \frac{7}{10}y\right)$

132) $\left(7\frac{7}{10}x + 1\frac{1}{3}y\right)\left(12y + \frac{5}{7}x\right)$

133) $\left(4\frac{1}{2}u + 5\frac{1}{2}v\right)\left(-6v + 1\frac{1}{2}u\right)$

134) $\left(1\frac{5}{6}x + 1\frac{1}{7}y\right)\left(5\frac{9}{11}x - 1\frac{5}{11}y\right)$

135) $\left(5\frac{4}{9}x + 5\frac{3}{5}y\right)\left(\frac{1}{2}x - \frac{1}{2}y\right)$

136) $\left(2\frac{1}{4}x + 1\frac{5}{8}y\right)\left(1\frac{3}{5}x + 1\frac{3}{4}y\right)$

137) $\left(y + 4\frac{1}{12}x\right)\left(1\frac{1}{3}x + 4\frac{3}{4}y\right)$

138) $\left(1\frac{1}{2}a + 1\frac{11}{12}b\right)\left(\frac{9}{11}a - 1\frac{1}{6}b\right)$

139) $\left(1\frac{5}{6}u + \frac{1}{3}v\right)\left(1\frac{2}{7}u - \frac{2}{3}v\right)$

140) $\left(2x + \frac{1}{7}y\right)\left(\frac{1}{2}x + 3\frac{5}{6}y\right)$

141) $\left(1\frac{2}{3}m - \frac{2}{5}n\right)\left(11m + 4\frac{1}{2}n\right)$

142) $\left(\frac{5}{11}a + 2\frac{1}{8}b\right)\left(5\frac{2}{11}a + 6\frac{1}{6}b\right)$

143) $\left(-2y + \frac{7}{11}x\right)\left(-2y + 1\frac{2}{3}x\right)$

144) $\left(3\frac{1}{6}m - 1\frac{5}{12}n\right)\left(1\frac{4}{5}m + 1\frac{1}{4}n\right)$

145) $\left(x - 1\frac{1}{2}y\right)\left(y + \frac{1}{4}x\right)$

146) $\left(1\frac{5}{6}x - 1\frac{9}{10}y\right)\left(1\frac{1}{4}x - 2\frac{2}{3}y\right)$

147) $\left(2y + 4\frac{1}{10}x\right)\left(4\frac{1}{3}x - \frac{2}{3}y\right)$

148) $\left(1\frac{5}{6}x - \frac{2}{3}y\right)\left(4\frac{11}{12}x + 1\frac{1}{10}y\right)$

149) $\left(4\frac{8}{9}u - 1\frac{3}{5}v\right)\left(5\frac{4}{11}u - \frac{1}{6}v\right)$

150) $\left(\frac{3}{5}x + \frac{4}{5}y\right)\left(1\frac{1}{3}x + 4\frac{1}{2}y\right)$

151) $\left(2\frac{5}{12}u - 3\frac{5}{7}v\right)\left(\frac{5}{7}u + 5\frac{5}{9}v\right)$

152) $\left(5\frac{5}{11}x - 1\frac{5}{8}y\right)\left(\frac{8}{9}x + 6\frac{4}{11}y\right)$

153) $\left(2x + 3\frac{1}{3}y\right)\left(\frac{4}{9}x - 3\frac{1}{3}y\right)$

154) $\left(\frac{1}{4}a - \frac{4}{7}b\right)\left(b + 5\frac{6}{11}a\right)$

155) $\left(\frac{2}{3}a + \frac{9}{10}b\right)\left(6\frac{11}{12}a - 1\frac{2}{3}b\right)$

156) $\left(6\frac{2}{3}x - \frac{7}{9}y\right)\left(1\frac{1}{9}x + 6\frac{5}{8}y\right)$

157) $\left(9y + 1\frac{5}{6}x\right)\left(y + 4\frac{7}{8}x\right)$

158) $\left(\frac{1}{10}m - \frac{3}{7}n\right)\left(4\frac{5}{12}m + \frac{1}{9}n\right)$

159) $\left(1\frac{5}{9}x + 1\frac{1}{2}y\right)\left(1\frac{3}{4}x - 1\frac{2}{3}y\right)$

160) $\left(6m + \frac{4}{11}n\right)\left(2\frac{2}{5}m + 4\frac{11}{12}n\right)$

161) $\left(11\frac{3}{5}x + 1\frac{2}{3}y\right)\left(x + 6\frac{2}{7}y\right)$

162) $\left(-10y + \frac{1}{2}x\right)\left(2\frac{1}{12}x + 4\frac{7}{8}y\right)$

163) $\left(u + 4\frac{4}{11}v\right)\left(1\frac{3}{4}u + 3\frac{5}{12}v\right)$

164) $\left(6\frac{3}{4}u + 2\frac{2}{5}v\right)\left(2u + 2\frac{5}{7}v\right)$

165) $\left(\frac{3}{4}x + \frac{3}{7}y\right)\left(11y + 1\frac{11}{12}x\right)$

166) $\left(2\frac{7}{11}a + 4\frac{1}{7}b\right)\left(2a + 1\frac{1}{2}b\right)$

167) $\left(2y + \frac{2}{3}x\right)\left(y + \frac{1}{2}x\right)$

168) $\left(1\frac{5}{8}u - 1\frac{6}{7}v\right)\left(1\frac{1}{4}u + 4\frac{1}{3}v\right)$

169) $\left(10a + 1\frac{5}{6}b\right)\left(1\frac{2}{5}a - 1\frac{2}{7}b\right)$

170) $\left(\frac{4}{7}x - \frac{1}{4}y\right)\left(1\frac{1}{12}x + 1\frac{2}{11}y\right)$

171) $\left(\frac{1}{2}m + 3\frac{3}{8}n\right)\left(2m + \frac{7}{11}n\right)$

172) $\left(5\frac{1}{9}x + 4\frac{1}{10}y\right)\left(2y + 1\frac{7}{10}x\right)$

173) $\left(1\frac{1}{8}m - 1\frac{1}{6}n\right)\left(2\frac{2}{5}m - \frac{1}{4}n\right)$

174) $\left(4\frac{1}{2}x + \frac{7}{11}y\right)\left(3\frac{7}{11}x - 2\frac{1}{2}y\right)$

175) $\left(\frac{3}{5}x + 1\frac{1}{5}y\right)\left(\frac{6}{7}x - \frac{3}{5}y\right)$

176) $\left(\frac{1}{2}u - 1\frac{1}{3}v\right)\left(-4v + 1\frac{1}{4}u\right)$

177) $\left(2\frac{1}{12}x + 1\frac{1}{7}y\right)\left(2y + 1\frac{4}{9}x\right)$

178) $\left(4\frac{3}{4}x + 6\frac{1}{4}y\right)\left(\frac{2}{3}x + 5\frac{5}{12}y\right)$

179) $\left(\dfrac{5}{11}u + \dfrac{1}{10}v\right)\left(1\dfrac{7}{8}u + 5\dfrac{1}{3}v\right)$

180) $\left(5\dfrac{1}{6}a - 3\dfrac{2}{7}b\right)\left(7a - \dfrac{3}{5}b\right)$

181) $\left(5\dfrac{2}{7}x + 1\dfrac{1}{3}y\right)\left(3\dfrac{3}{11}x + 4\dfrac{1}{4}y\right)$

182) $\left(\dfrac{9}{10}x + 6\dfrac{2}{7}y\right)\left(1\dfrac{5}{6}x - 1\dfrac{4}{5}y\right)$

183) $\left(7u + 1\dfrac{1}{4}v\right)\left(5\dfrac{1}{12}u + \dfrac{2}{3}v\right)$

184) $\left(\dfrac{1}{5}x + \dfrac{4}{11}y\right)\left(x + 1\dfrac{3}{5}y\right)$

185) $\left(\dfrac{2}{3}x + \dfrac{1}{3}y\right)\left(1\dfrac{1}{11}x + 1\dfrac{1}{2}y\right)$

186) $\left(\dfrac{5}{9}a - \dfrac{4}{9}b\right)\left(4\dfrac{2}{3}a + 5\dfrac{5}{8}b\right)$

187) $\left(m + 1\dfrac{3}{5}n\right)\left(m + \dfrac{1}{5}n\right)$

188) $\left(\dfrac{2}{11}x + 1\dfrac{1}{2}y\right)\left(3\dfrac{5}{6}x + \dfrac{4}{11}y\right)$

189) $\left(1\dfrac{3}{4}m + 1\dfrac{7}{8}n\right)\left(5\dfrac{2}{3}m - 3\dfrac{2}{5}n\right)$

190) $\left(5\dfrac{5}{9}x - 3\dfrac{2}{11}y\right)\left(\dfrac{2}{5}x + 1\dfrac{1}{8}y\right)$

191) $\left(6x + \dfrac{3}{7}y\right)\left(1\dfrac{1}{4}x + 5\dfrac{5}{9}y\right)$

192) $\left(6\dfrac{7}{10}x - 1\dfrac{1}{5}y\right)\left(12x - 3\dfrac{3}{10}y\right)$

193) $\left(2\dfrac{1}{4}u - \dfrac{1}{2}v\right)\left(11\dfrac{1}{12}u + 3\dfrac{3}{10}v\right)$

194) $\left(1\dfrac{1}{3}x - 1\dfrac{5}{6}y\right)\left(3y + 1\dfrac{8}{9}x\right)$

195) $\left(1\dfrac{5}{7}u + 1\dfrac{11}{12}v\right)\left(6\dfrac{3}{7}u + \dfrac{1}{8}v\right)$

196) $\left(6\dfrac{1}{10}u - 1\dfrac{6}{7}v\right)\left(6\dfrac{5}{12}u + 1\dfrac{1}{2}v\right)$

197) $\left(-5b + 1\dfrac{1}{2}a\right)\left(4\dfrac{2}{3}a + 1\dfrac{5}{7}b\right)$

198) $\left(-2y + 1\dfrac{4}{9}x\right)\left(5\dfrac{1}{3}x - 1\dfrac{1}{8}y\right)$

199) $\left(2b + 6\frac{5}{6}a\right)\left(4\frac{4}{9}a + \frac{4}{9}b\right)$

200) $\left(1\frac{1}{3}x - \frac{2}{7}y\right)\left(\frac{1}{3}x + 1\frac{5}{12}y\right)$

201) $\left(\frac{3}{8}x + 10\frac{5}{14}y\right)\left(15x + 8\frac{2}{3}y\right)$

202) $\left(\frac{9}{11}x - 1\frac{3}{16}y\right)\left(-12y + \frac{5}{6}x\right)$

203) $\left(2m - 3\frac{13}{16}n\right)\left(2\frac{6}{17}m + 3\frac{6}{13}n\right)$

204) $\left(1\frac{9}{14}x - \frac{19}{20}y\right)\left(-7y + \frac{1}{17}x\right)$

205) $\left(\frac{7}{10}m - 2\frac{3}{11}n\right)\left(\frac{3}{4}m - 1\frac{1}{3}n\right)$

206) $\left(10\frac{16}{17}x + 5\frac{1}{6}y\right)\left(\frac{11}{12}x + 1\frac{2}{3}y\right)$

207) $\left(9\frac{5}{12}u + 8\frac{2}{3}v\right)\left(-2v + 1\frac{5}{12}u\right)$

208) $\left(2x + 8\frac{8}{17}y\right)\left(9\frac{5}{7}x + 7\frac{1}{9}y\right)$

209) $\left(10\frac{7}{16}x + 9\frac{5}{19}y\right)\left(\frac{5}{8}x - \frac{11}{12}y\right)$

210) $\left(1\frac{13}{18}u + 1\frac{3}{16}v\right)\left(-2v + 1\frac{5}{16}u\right)$

211) $\left(1\frac{11}{13}u + 3\frac{5}{14}v\right)\left(1\frac{1}{2}u - 1\frac{4}{5}v\right)$

212) $\left(6\frac{15}{17}x + 2\frac{3}{13}y\right)\left(1\frac{15}{16}x + 1\frac{2}{3}y\right)$

213) $\left(1\frac{1}{20}a - 1\frac{9}{11}b\right)\left(19\frac{1}{2}a + 3\frac{1}{18}b\right)$

214) $\left(7\frac{2}{3}x + 1\frac{7}{16}y\right)\left(6y + 12\frac{7}{10}x\right)$

215) $\left(2\frac{3}{14}a + 9\frac{1}{4}b\right)\left(\frac{3}{8}a - \frac{2}{3}b\right)$

216) $\left(2y + 1\frac{2}{5}x\right)\left(\frac{1}{20}x + 9\frac{1}{7}y\right)$

217) $\left(1\frac{2}{3}x + 7\frac{4}{17}y\right)\left(\frac{1}{3}x - \frac{2}{11}y\right)$

218) $\left(3\frac{1}{2}m + 1\frac{4}{5}n\right)\left(18m + 6\frac{4}{9}n\right)$

219) $\left(2x - 2\frac{6}{13}y\right)\left(7\frac{1}{2}x - 1\frac{11}{15}y\right)$

220) $\left(9n + 4\frac{4}{9}m\right)\left(1\frac{3}{4}m - 1\frac{1}{3}n\right)$

221) $\left(1\frac{1}{6}x + 7\frac{3}{14}y\right)\left(2y + \frac{11}{13}x\right)$

222) $\left(\frac{3}{10}x - \frac{4}{5}y\right)\left(9x + \frac{1}{9}y\right)$

223) $\left(2\frac{6}{19}u - 1\frac{5}{6}v\right)\left(1\frac{1}{19}u - 1\frac{1}{2}v\right)$

224) $\left(1\frac{5}{7}u + 9\frac{2}{3}v\right)\left(-2v + 2\frac{15}{19}u\right)$

225) $\left(x - \frac{1}{2}y\right)\left(1\frac{10}{17}x + \frac{15}{17}y\right)$

226) $\left(1\frac{1}{2}a - 1\frac{14}{19}b\right)\left(\frac{10}{13}a + 1\frac{7}{15}b\right)$

227) $\left(\frac{1}{2}a - 2\frac{15}{16}b\right)\left(3\frac{3}{5}a + \frac{1}{15}b\right)$

228) $\left(\frac{5}{11}x + 7\frac{6}{19}y\right)\left(6\frac{1}{6}x - 2\frac{11}{20}y\right)$

229) $\left(5\frac{5}{6}x + 10\frac{1}{4}y\right)\left(15\frac{16}{19}x + \frac{11}{12}y\right)$

230) $\left(6\frac{1}{3}a + 6\frac{4}{5}b\right)\left(1\frac{11}{12}a + 1\frac{7}{9}b\right)$

231) $\left(3\frac{1}{12}x - 2\frac{4}{9}y\right)\left(\frac{7}{12}x + 1\frac{4}{7}y\right)$

232) $\left(1\frac{1}{3}m + 2\frac{11}{20}n\right)\left(1\frac{13}{18}m + 8\frac{1}{4}n\right)$

233) $\left(-17n + 8\frac{11}{16}m\right)\left(\frac{1}{3}m + 1\frac{2}{3}n\right)$

234) $\left(1\frac{3}{11}x - 1\frac{1}{6}y\right)\left(7\frac{7}{8}x - 1\frac{1}{2}y\right)$

235) $\left(16y + 1\frac{5}{7}x\right)\left(1\frac{5}{9}x + 9\frac{1}{2}y\right)$

236) $\left(\frac{3}{7}x + \frac{4}{7}y\right)\left(\frac{1}{2}x + 6\frac{6}{19}y\right)$

237) $\left(6\frac{5}{8}u + 8\frac{5}{9}v\right)\left(8\frac{5}{9}u + \frac{9}{11}v\right)$

238) $\left(3\frac{7}{15}u + 1\frac{3}{4}v\right)\left(1\frac{1}{4}u + 8\frac{1}{10}v\right)$

239) $\left(1\frac{11}{18}x + 3\frac{1}{3}y\right)\left(1\frac{5}{13}x + 1\frac{8}{11}y\right)$

240) $\left(\frac{5}{6}x + \frac{8}{13}y\right)\left(x + \frac{7}{15}y\right)$

241) $\left(5\frac{5}{9}a + 4\frac{1}{3}b\right)\left(16b + \frac{1}{6}a\right)$

242) $\left(2y + 4\frac{6}{19}x\right)\left(3\frac{11}{16}x - 1\frac{8}{9}y\right)$

243) $\left(1\frac{8}{11}a + 1\frac{1}{6}b\right)\left(a - 3\frac{1}{4}b\right)$

244) $\left(3\frac{5}{13}x + 2\frac{12}{19}y\right)\left(-2y + \frac{1}{4}x\right)$

245) $\left(y + 1\frac{1}{20}x\right)\left(1\frac{1}{2}x - \frac{4}{7}y\right)$

246) $\left(\frac{1}{8}a + 6\frac{1}{9}b\right)\left(16a + 3\frac{2}{19}b\right)$

247) $\left(\frac{6}{17}m + 2\frac{3}{4}n\right)\left(1\frac{3}{5}m + 1\frac{1}{3}n\right)$

248) $\left(1\frac{8}{15}x + 2\frac{1}{2}y\right)\left(8\frac{13}{14}x - 1\frac{13}{15}y\right)$

249) $\left(2x + 6\frac{2}{19}y\right)\left(\frac{1}{2}x - 20\frac{2}{3}y\right)$

250) $\left(1\frac{5}{19}x - 1\frac{10}{11}y\right)\left(2\frac{3}{8}x + 2\frac{1}{12}y\right)$

251) $\left(1\frac{2}{5}m - \frac{2}{7}n\right)\left(1\frac{1}{6}m + 10\frac{11}{12}n\right)$

252) $\left(10\frac{1}{4}u - 3\frac{1}{9}v\right)\left(1\frac{1}{2}u + 9\frac{3}{8}v\right)$

253) $\left(10\frac{5}{6}x + 10\frac{9}{20}y\right)\left(3\frac{3}{16}x + 10\frac{1}{2}y\right)$

254) $\left(13u + 13\frac{5}{7}v\right)\left(4\frac{1}{12}u + 7\frac{7}{8}v\right)$

255) $\left(\frac{9}{20}x + 1\frac{1}{3}y\right)\left(8\frac{1}{9}x + 5\frac{9}{10}y\right)$

256) $\left(2x + 7\frac{2}{3}y\right)\left(\frac{1}{13}x + 3\frac{1}{17}y\right)$

257) $\left(1\frac{1}{2}x + 5\frac{13}{19}y\right)\left(2x + \frac{1}{14}y\right)$

258) $\left(8\frac{1}{5}a - 19\frac{1}{14}b\right)\left(1\frac{3}{5}a - 1\frac{3}{4}b\right)$

259) $\left(4b + 1\frac{2}{9}a\right)\left(-4b + 9\frac{11}{14}a\right)$

260) $\left(7\frac{8}{9}x + 3\frac{17}{19}y\right)\left(3\frac{7}{19}x + 6\frac{15}{16}y\right)$

261) $\left(\frac{1}{2}m - \frac{2}{9}n\right)\left(1\frac{7}{13}m + 1\frac{1}{2}n\right)$

262) $\left(9\frac{12}{17}a + 1\frac{3}{5}b\right)\left(a + 5\frac{3}{14}b\right)$

263) $\left(3x + 9\frac{9}{13}y\right)\left(\frac{2}{3}x + 6\frac{5}{14}y\right)$

264) $\left(5\frac{9}{10}x + \frac{2}{3}y\right)\left(10\frac{19}{20}x + 1\frac{11}{14}y\right)$

265) $\left(\frac{4}{5}m + 2\frac{5}{6}n\right)\left(4\frac{5}{6}m + 7\frac{11}{16}n\right)$

266) $\left(4\frac{3}{7}x - \frac{5}{7}y\right)\left(1\frac{14}{17}x + \frac{5}{9}y\right)$

267) $\left(\frac{2}{5}u + 1\frac{1}{2}v\right)\left(u + \frac{6}{7}v\right)$

268) $\left(3\frac{3}{14}x + 2\frac{3}{4}y\right)\left(\frac{6}{11}x + 1\frac{10}{13}y\right)$

269) $\left(4\frac{1}{6}a + 4\frac{1}{2}b\right)\left(9a + \frac{3}{11}b\right)$

270) $\left(3\frac{3}{11}u + \frac{5}{6}v\right)\left(4\frac{3}{4}u + 1\frac{4}{5}v\right)$

271) $\left(\frac{3}{5}x - \frac{14}{15}y\right)\left(1\frac{3}{10}x - 1\frac{9}{11}y\right)$

272) $\left(3\frac{7}{12}a + \frac{1}{3}b\right)\left(9\frac{1}{3}a + 9\frac{4}{11}b\right)$

273) $\left(\frac{4}{9}x + 2\frac{14}{17}y\right)\left(-10y + 1\frac{9}{20}x\right)$

274) $\left(\frac{9}{16}x - 1\frac{2}{3}y\right)\left(9\frac{5}{6}x + 1\frac{9}{10}y\right)$

275) $\left(\frac{5}{7}m + 1\frac{7}{20}n\right)\left(2\frac{7}{8}m + 7\frac{10}{19}n\right)$

276) $\left(\frac{3}{7}a + 1\frac{13}{14}b\right)\left(1\frac{5}{9}a + 1\frac{13}{20}b\right)$

277) $\left(3\frac{14}{15}x + 1\frac{5}{12}y\right)\left(17\frac{4}{19}x - 1\frac{7}{19}y\right)$

278) $\left(4n + 1\frac{7}{8}m\right)\left(3\frac{1}{2}m + 3\frac{1}{2}n\right)$

279) $\left(y + 1\frac{11}{15}x\right)\left(5\frac{5}{14}x + 14\frac{11}{12}y\right)$

280) $\left(10\frac{10}{11}x + 1\frac{4}{19}y\right)\left(2y + \frac{5}{8}x\right)$

281) $\left(3\frac{5}{18}x - 1\frac{7}{15}y\right)\left(y + 1\frac{1}{2}x\right)$

282) $\left(1\frac{1}{4}u + \frac{9}{14}v\right)\left(\frac{3}{20}u + 7\frac{3}{4}v\right)$

283) $\left(8\frac{1}{3}x - 1\frac{3}{14}y\right)\left(8\frac{5}{16}x + 3\frac{5}{18}y\right)$

284) $\left(16u - 2\frac{1}{9}v\right)\left(v + \frac{9}{17}u\right)$

285) $\left(6\frac{1}{4}x + 8\frac{6}{19}y\right)\left(1\frac{1}{6}x + 6\frac{8}{11}y\right)$

286) $\left(5\frac{1}{20}a - 1\frac{7}{8}b\right)\left(a + 1\frac{3}{7}b\right)$

287) $\left(1\frac{11}{14}a + 7\frac{1}{2}b\right)\left(2a + 8\frac{5}{12}b\right)$

288) $\left(1\frac{1}{6}x + 6\frac{6}{17}y\right)\left(9\frac{11}{20}x + 1\frac{1}{4}y\right)$

289) $\left(7\frac{11}{16}x + 1\frac{1}{4}y\right)\left(6\frac{16}{17}x - 1\frac{8}{17}y\right)$

290) $\left(1\frac{3}{5}x + \frac{2}{3}y\right)\left(1\frac{12}{17}x + 4\frac{15}{16}y\right)$

291) $\left(\frac{8}{15}m + 3\frac{3}{4}n\right)\left(1\frac{1}{4}m - 1\frac{1}{4}n\right)$

292) $\left(\frac{15}{19}x + 3\frac{1}{12}y\right)\left(3\frac{4}{7}x + 1\frac{9}{20}y\right)$

293) $\left(6x - \frac{3}{5}y\right)\left(\frac{1}{5}x + \frac{1}{3}y\right)$

294) $\left(2\frac{1}{2}m - \frac{1}{4}n\right)\left(1\frac{9}{14}m + 2\frac{13}{18}n\right)$

295) $\left(1\frac{13}{16}m + 1\frac{2}{11}n\right)\left(8m + 1\frac{1}{14}n\right)$

296) $\left(\frac{3}{4}x + 7\frac{1}{20}y\right)\left(1\frac{1}{4}x - 1\frac{4}{5}y\right)$

297) $\left(1\frac{19}{20}u + 1\frac{7}{9}v\right)\left(9u + \frac{3}{11}v\right)$

298) $\left(-4y + \frac{2}{5}x\right)\left(\frac{11}{18}x + 1\frac{8}{17}y\right)$

299) $\left(4\frac{7}{8}u + \frac{2}{9}v\right)\left(8\frac{7}{10}u - 1\frac{4}{7}v\right)$

300) $\left(\frac{1}{5}x - 1\frac{3}{7}y\right)\left(1\frac{2}{3}x + 5\frac{5}{14}y\right)$

301) $\left(10\frac{5}{9}a + 19\frac{11}{15}b\right)\left(-44b + \frac{5}{21}a\right)$

302) $\left(\frac{34}{41}x + \frac{23}{38}y\right)\left(1\frac{3}{16}x - 1\frac{16}{37}y\right)$

303) $\left(\frac{11}{26}x - \frac{11}{42}y\right)\left(1\frac{29}{30}x + 24\frac{11}{26}y\right)$

304) $\left(\frac{31}{36}a - \frac{1}{2}b\right)\left(12\frac{44}{45}a + 1\frac{1}{11}b\right)$

305) $\left(1\frac{11}{12}x + 25\frac{3}{5}y\right)\left(\frac{11}{28}x + \frac{2}{19}y\right)$

306) $\left(-2n + \frac{21}{22}m\right)\left(8\frac{22}{25}m + 9\frac{3}{17}n\right)$

307) $\left(6\frac{1}{16}m - 6\frac{1}{8}n\right)\left(3\frac{4}{15}m + \frac{1}{4}n\right)$

308) $\left(1\frac{10}{33}x + 19\frac{23}{31}y\right)\left(20\frac{3}{10}x + 1\frac{1}{3}y\right)$

309) $\left(24\frac{5}{6}x - \frac{3}{4}y\right)\left(\frac{7}{12}x + 4\frac{1}{38}y\right)$

310) $\left(2m + 2\frac{1}{44}n\right)\left(17\frac{29}{45}m - \frac{1}{5}n\right)$

311) $\left(1\frac{12}{23}x - \frac{9}{20}y\right)\left(\frac{7}{44}x + 1\frac{1}{2}y\right)$

312) $\left(2v + 20\frac{36}{41}u\right)\left(18\frac{13}{22}u + 17\frac{3}{8}v\right)$

313) $\left(\frac{14}{15}x + 4\frac{27}{46}y\right)\left(2x - 1\frac{1}{3}y\right)$

314) $\left(23\frac{1}{13}u + 5\frac{29}{30}v\right)\left(16\frac{32}{39}u - \frac{1}{3}v\right)$

315) $\left(15\frac{2}{31}x + 1\frac{1}{3}y\right)\left(1\frac{28}{37}x - 1\frac{27}{46}y\right)$

316) $\left(\frac{1}{8}a + \frac{3}{35}b\right)\left(22\frac{9}{20}a + 17\frac{3}{11}b\right)$

317) $\left(\frac{1}{3}x + 9\frac{8}{45}y\right)\left(\frac{22}{25}x - \frac{9}{23}y\right)$

318) $\left(19\frac{11}{38}x + 1\frac{23}{40}y\right)\left(25\frac{31}{38}x - 1\frac{2}{3}y\right)$

319) $\left(1\frac{10}{21}a + 19\frac{5}{47}b\right)\left(1\frac{5}{16}a - \frac{4}{13}b\right)$

320) $\left(2m - 1\frac{2}{3}n\right)\left(3\frac{9}{49}m - \frac{13}{14}n\right)$

321) $\left(\frac{3}{11}x + \frac{7}{18}y\right)\left(\frac{7}{11}x - \frac{3}{8}y\right)$

322) $\left(\frac{8}{15}x + 4\frac{12}{13}y\right)\left(\frac{10}{13}x + 17\frac{5}{16}y\right)$

323) $\left(25\frac{1}{28}m - \frac{8}{37}n\right)\left(3\frac{49}{50}m + 19\frac{4}{29}n\right)$

324) $\left(19\frac{7}{13}m + 13\frac{13}{18}n\right)\left(1\frac{2}{11}m + 8\frac{3}{34}n\right)$

325) $\left(1\frac{7}{18}x + 11\frac{29}{38}y\right)\left(\frac{11}{12}x + 13\frac{4}{9}y\right)$

326) $\left(21\frac{2}{3}u + 8\frac{19}{34}v\right)\left(\frac{4}{5}u - \frac{40}{47}v\right)$

327) $\left(\frac{1}{21}x + 19\frac{8}{27}y\right)\left(1\frac{9}{22}x + 22\frac{6}{25}y\right)$

328) $\left(-34y + 16\frac{26}{35}x\right)\left(20\frac{7}{41}x + 15\frac{3}{7}y\right)$

329) $\left(6\frac{24}{25}u + 16\frac{22}{37}v\right)\left(\frac{1}{46}u + \frac{45}{47}v\right)$

330) $\left(17\frac{5}{11}a - 1\frac{11}{39}b\right)\left(-7b + \frac{19}{37}a\right)$

331) $\left(\frac{11}{15}x + \frac{7}{16}y\right)\left(10\frac{37}{44}x + 3\frac{23}{39}y\right)$

332) $\left(x + \frac{13}{40}y\right)\left(\frac{37}{48}x + 1\frac{9}{38}y\right)$

333) $\left(25\frac{17}{32}a + 22\frac{23}{33}b\right)\left(25\frac{1}{16}a - \frac{29}{49}b\right)$

334) $\left(34\frac{27}{50}x + 23\frac{1}{6}y\right)\left(5\frac{11}{46}x + 22\frac{33}{46}y\right)$

335) $\left(7y + 8\frac{5}{8}x\right)\left(x + 23\frac{14}{47}y\right)$

336) $\left(1\frac{17}{18}m + 12\frac{1}{6}n\right)\left(43m + 10\frac{16}{25}n\right)$

337) $\left(14\frac{21}{22}x + 1\frac{6}{19}y\right)\left(1\frac{11}{43}x + 13\frac{3}{4}y\right)$

338) $\left(12\frac{29}{40}m - \frac{13}{23}n\right)\left(8\frac{4}{9}m + 5\frac{22}{35}n\right)$

339) $\left(11\dfrac{8}{47}x - \dfrac{1}{2}y\right)\left(\dfrac{1}{43}x + 20\dfrac{11}{28}y\right)$

340) $\left(1\dfrac{8}{15}u + 7\dfrac{1}{33}v\right)\left(4\dfrac{1}{41}u + 4\dfrac{19}{29}v\right)$

341) $\left(\dfrac{2}{5}x + \dfrac{4}{7}y\right)\left(\dfrac{5}{48}x - \dfrac{5}{13}y\right)$

342) $\left(14\dfrac{6}{37}u + 13\dfrac{5}{44}v\right)\left(31v + 6\dfrac{5}{6}u\right)$

343) $\left(\dfrac{1}{8}x - \dfrac{34}{45}y\right)\left(6y + \dfrac{29}{33}x\right)$

344) $\left(1\dfrac{4}{5}x + 23\dfrac{1}{22}y\right)\left(1\dfrac{13}{24}x - 1\dfrac{14}{33}y\right)$

345) $\left(17\dfrac{17}{22}a + 19\dfrac{37}{46}b\right)\left(14a + 20\dfrac{17}{37}b\right)$

346) $\left(1\dfrac{1}{3}x - \dfrac{5}{47}y\right)\left(2x + 13\dfrac{5}{21}y\right)$

347) $\left(24\dfrac{23}{44}a + 17\dfrac{12}{35}b\right)\left(25\dfrac{17}{24}a - 1\dfrac{5}{19}b\right)$

348) $\left(1\dfrac{2}{25}x + 16\dfrac{2}{7}y\right)\left(10\dfrac{9}{13}x + 21\dfrac{29}{38}y\right)$

349) $\left(13\dfrac{1}{12}x + 14\dfrac{2}{3}y\right)\left(34x - 2\dfrac{9}{20}y\right)$

350) $\left(6\dfrac{31}{34}x + \dfrac{1}{4}y\right)\left(11\dfrac{27}{50}x + 1\dfrac{11}{15}y\right)$

351) $\left(1\dfrac{4}{5}m - 1\dfrac{19}{36}n\right)\left(1\dfrac{8}{47}m - 2\dfrac{5}{23}n\right)$

352) $\left(18\dfrac{17}{20}x + 1\dfrac{7}{9}y\right)\left(\dfrac{1}{26}x - 1\dfrac{15}{41}y\right)$

353) $\left(1\dfrac{1}{2}m + 7\dfrac{13}{49}n\right)\left(1\dfrac{10}{47}m + 19\dfrac{2}{21}n\right)$

354) $\left(19\dfrac{3}{10}x + 14\dfrac{2}{43}y\right)\left(6\dfrac{17}{45}x + 12\dfrac{1}{5}y\right)$

355) $\left(\dfrac{40}{41}x - 2\dfrac{13}{38}y\right)\left(19\dfrac{11}{13}x + 9\dfrac{8}{23}y\right)$

356) $\left(1\dfrac{5}{27}x - \dfrac{10}{17}y\right)\left(13\dfrac{5}{6}x - \dfrac{11}{14}y\right)$

357) $\left(23\dfrac{7}{44}x + \dfrac{1}{19}y\right)\left(13\dfrac{28}{41}x + 19\dfrac{11}{14}y\right)$

358) $\left(1\dfrac{1}{27}u - 1\dfrac{4}{7}v\right)\left(15\dfrac{7}{13}u + 23\dfrac{1}{17}v\right)$

359) $\left(8\dfrac{7}{17}x + 18\dfrac{19}{27}y\right)\left(-19y + 49\dfrac{2}{9}x\right)$

360) $\left(1\dfrac{29}{48}u - \dfrac{7}{10}v\right)\left(\dfrac{1}{3}u - 1\dfrac{11}{17}v\right)$

361) $\left(1\dfrac{5}{12}x + 1\dfrac{8}{21}y\right)\left(4\dfrac{1}{27}x + \dfrac{27}{29}y\right)$

362) $\left(11\dfrac{5}{7}a + 1\dfrac{3}{7}b\right)\left(22\dfrac{10}{11}a + 4\dfrac{29}{41}b\right)$

363) $\left(\dfrac{21}{38}x + 7\dfrac{5}{16}y\right)\left(3\dfrac{3}{4}x + 23\dfrac{15}{23}y\right)$

364) $\left(3\dfrac{3}{34}a - \dfrac{25}{37}b\right)\left(1\dfrac{47}{50}a + 14\dfrac{10}{27}b\right)$

365) $\left(22\dfrac{12}{41}m + 1\dfrac{27}{46}n\right)\left(2m + 24\dfrac{1}{2}n\right)$

366) $\left(\dfrac{1}{14}m + 21\dfrac{16}{31}n\right)\left(25\dfrac{7}{50}m + 2\dfrac{11}{17}n\right)$

367) $\left(42x + 21\dfrac{5}{6}y\right)\left(1\dfrac{41}{43}x + 18\dfrac{23}{30}y\right)$

368) $\left(1\dfrac{2}{49}x - 1\dfrac{2}{7}y\right)\left(x + \dfrac{2}{3}y\right)$

369) $\left(17\dfrac{28}{31}x - 1\dfrac{5}{26}y\right)\left(\dfrac{41}{47}x + 1\dfrac{7}{11}y\right)$

370) $\left(17\dfrac{32}{39}u + \dfrac{27}{40}v\right)\left(17\dfrac{13}{38}u + 1\dfrac{17}{19}v\right)$

371) $\left(\dfrac{1}{4}x - 1\dfrac{4}{5}y\right)\left(5\dfrac{7}{46}x + 2\dfrac{17}{26}y\right)$

372) $\left(6\dfrac{3}{7}x + 16\dfrac{14}{45}y\right)\left(21\dfrac{31}{46}x + 10\dfrac{1}{12}y\right)$

373) $\left(1\dfrac{1}{21}x + 7\dfrac{14}{33}y\right)\left(1\dfrac{41}{46}x + 1\dfrac{1}{10}y\right)$

374) $\left(\dfrac{3}{11}u - 1\dfrac{7}{9}v\right)\left(11\dfrac{19}{26}u + 2\dfrac{5}{8}v\right)$

375) $\left(y + 9\dfrac{17}{28}x\right)\left(1\dfrac{10}{11}x + 1\dfrac{19}{20}y\right)$

376) $\left(5\dfrac{39}{46}a - \dfrac{14}{37}b\right)\left(1\dfrac{3}{4}a - \dfrac{4}{5}b\right)$

377) $\left(18\dfrac{14}{37}x - 1\dfrac{38}{41}y\right)\left(12x + \dfrac{5}{24}y\right)$

378) $\left(4\dfrac{17}{18}a + 1\dfrac{22}{37}b\right)\left(\dfrac{11}{46}a - 3\dfrac{8}{9}b\right)$

379) $\left(-y + 1\frac{7}{9}x\right)\left(-46y + 11\frac{1}{2}x\right)$

380) $\left(23\frac{3}{4}m + 17\frac{3}{4}n\right)\left(\frac{11}{18}m + 9\frac{35}{44}n\right)$

381) $\left(\frac{5}{8}x + 10\frac{33}{49}y\right)\left(\frac{4}{19}x + 19\frac{6}{19}y\right)$

382) $\left(-47n + \frac{10}{13}m\right)\left(\frac{1}{32}m + 1\frac{31}{47}n\right)$

383) $\left(26\frac{33}{43}x + 3\frac{16}{33}y\right)\left(\frac{7}{11}x + 13\frac{1}{30}y\right)$

384) $\left(11\frac{1}{16}x + 1\frac{1}{4}y\right)\left(23\frac{7}{32}x + 6\frac{43}{45}y\right)$

385) $\left(25\frac{27}{50}u + \frac{4}{11}v\right)\left(1\frac{1}{39}u - \frac{30}{31}v\right)$

386) $\left(\frac{5}{11}x + 1\frac{21}{38}y\right)\left(\frac{26}{47}x + 1\frac{20}{49}y\right)$

387) $\left(21x + 1\frac{13}{17}y\right)\left(\frac{3}{26}x + 1\frac{3}{22}y\right)$

388) $\left(22\frac{33}{40}x - 2\frac{5}{24}y\right)\left(x + 20\frac{21}{43}y\right)$

389) $\left(\frac{32}{33}x - \frac{1}{2}y\right)\left(27\frac{15}{16}x + 24\frac{11}{14}y\right)$

390) $\left(2u - 1\frac{5}{8}v\right)\left(\frac{47}{50}u + 2\frac{8}{37}v\right)$

391) $\left(\frac{1}{3}a + 15\frac{9}{16}b\right)\left(\frac{11}{28}a + 1\frac{33}{41}b\right)$

392) $\left(\frac{4}{15}a + \frac{31}{42}b\right)\left(-49b + \frac{19}{30}a\right)$

393) $\left(2\frac{19}{26}x + \frac{8}{11}y\right)\left(15\frac{5}{23}x - 1\frac{7}{44}y\right)$

394) $\left(1\frac{16}{47}x + 1\frac{3}{5}y\right)\left(23\frac{2}{5}x - 1\frac{19}{31}y\right)$

395) $\left(\frac{1}{5}x - \frac{8}{9}y\right)\left(1\frac{14}{15}x + \frac{1}{5}y\right)$

396) $\left(16\frac{27}{37}m - \frac{3}{7}n\right)\left(1\frac{3}{10}m + 8\frac{5}{9}n\right)$

397) $\left(7x - 1\frac{1}{40}y\right)\left(\frac{2}{17}x - 1\frac{7}{39}y\right)$

398) $\left(\frac{20}{27}x - 2\frac{11}{20}y\right)\left(5\frac{3}{22}x - 1\frac{1}{15}y\right)$

399) $\left(19\frac{14}{23}x + 13\frac{12}{17}y\right)\left(2\frac{22}{23}x - \frac{2}{5}y\right)$

400) $\left(6\frac{3}{16}m + 1\frac{4}{5}n\right)\left(1\frac{5}{7}m + 3\frac{7}{48}n\right)$

401) $\left(5y + 1\frac{7}{12}x\right)\left(32\frac{17}{20}x + 1\frac{12}{29}y\right)$

402) $\left(2\frac{31}{43}u + \frac{4}{25}v\right)\left(\frac{11}{12}u + 1\frac{11}{13}v\right)$

403) $\left(x - \frac{1}{2}y\right)\left(25\frac{1}{2}x + 41\frac{33}{37}y\right)$

404) $\left(\frac{19}{64}x - 3\frac{27}{32}y\right)\left(28\frac{14}{51}x - \frac{2}{3}y\right)$

405) $\left(5\frac{25}{57}u + 42\frac{25}{29}v\right)\left(\frac{17}{19}u + 45\frac{8}{9}v\right)$

406) $\left(7\frac{66}{71}a + \frac{1}{3}b\right)\left(\frac{15}{17}a + 18\frac{59}{60}b\right)$

407) $\left(9\frac{56}{79}x + \frac{82}{97}y\right)\left(10\frac{23}{82}x + 9\frac{62}{97}y\right)$

408) $\left(67x + 27\frac{37}{63}y\right)\left(2x + 3\frac{68}{75}y\right)$

409) $\left(1\frac{42}{85}a - 1\frac{9}{10}b\right)\left(-16b + \frac{1}{4}a\right)$

410) $\left(38\frac{2}{99}m + 21\frac{41}{67}n\right)\left(13\frac{2}{21}m + 29\frac{10}{11}n\right)$

411) $\left(\frac{1}{14}m - 1\frac{9}{11}n\right)\left(20\frac{1}{2}m + \frac{23}{45}n\right)$

412) $\left(1\frac{5}{21}x + 1\frac{67}{76}y\right)\left(96x - 1\frac{1}{3}y\right)$

413) $\left(1\frac{18}{35}x + 42\frac{29}{63}y\right)\left(1\frac{43}{94}x - 1\frac{20}{67}y\right)$

414) $\left(\frac{4}{21}x + 2\frac{5}{6}y\right)\left(\frac{3}{59}x - \frac{7}{40}y\right)$

415) $\left(44\frac{22}{29}x + 16\frac{1}{26}y\right)\left(10\frac{20}{29}x + 2\frac{29}{72}y\right)$

416) $\left(\frac{49}{57}x + \frac{17}{91}y\right)\left(22\frac{21}{68}x - \frac{3}{4}y\right)$

417) $\left(1\frac{3}{50}u + 33\frac{49}{75}v\right)\left(\frac{7}{31}u + 41\frac{1}{90}v\right)$

418) $\left(25\frac{53}{63}u + 17\frac{30}{73}v\right)\left(16\frac{9}{44}u - 1\frac{2}{17}v\right)$

419) $\left(1\frac{45}{71}x + 17\frac{62}{77}y\right)\left(4\frac{5}{27}x + 28\frac{11}{24}y\right)$

420) $\left(12\frac{67}{85}x + 20\frac{44}{47}y\right)\left(1\frac{26}{51}x + 30\frac{9}{64}y\right)$

421) $\left(42\frac{35}{78}a + 32\frac{17}{39}b\right)\left(1\frac{7}{60}a + 1\frac{9}{80}b\right)$

422) $\left(1\frac{31}{46}a + 1\frac{1}{7}b\right)\left(49\frac{32}{91}a + \frac{44}{85}b\right)$

423) $\left(1\frac{2}{7}m - 1\frac{47}{93}n\right)\left(39\frac{67}{80}m + 4\frac{24}{65}n\right)$

424) $\left(33\frac{68}{99}x + 1\frac{7}{22}y\right)\left(-91y + \frac{4}{19}x\right)$

425) $\left(1\frac{5}{7}m + 49\frac{34}{79}n\right)\left(2n + 1\frac{8}{61}m\right)$

426) $\left(-28y + 1\frac{9}{14}x\right)\left(1\frac{7}{86}x + \frac{16}{63}y\right)$

427) $\left(35\frac{1}{13}x + 11\frac{1}{2}y\right)\left(1\frac{21}{29}x + 45\frac{29}{33}y\right)$

428) $\left(\frac{5}{7}x + 14\frac{31}{90}y\right)\left(\frac{11}{20}x + \frac{1}{8}y\right)$

429) $\left(1\frac{3}{7}x + 27\frac{1}{8}y\right)\left(21\frac{1}{3}x + 28\frac{25}{48}y\right)$

430) $\left(17\frac{6}{49}x - 1\frac{3}{25}y\right)\left(1\frac{7}{9}x + 1\frac{7}{29}y\right)$

431) $\left(1\frac{25}{56}u - 1\frac{25}{94}v\right)\left(1\frac{54}{91}u + 33\frac{16}{23}v\right)$

432) $\left(20\frac{49}{64}x + 5\frac{23}{30}y\right)\left(50\frac{6}{77}x + 1\frac{7}{31}y\right)$

433) $\left(40\frac{31}{35}x - \frac{3}{35}y\right)\left(\frac{51}{89}x + 1\frac{9}{34}y\right)$

434) $\left(4\frac{1}{70}u + \frac{44}{79}v\right)\left(\frac{15}{19}u + 32\frac{3}{59}v\right)$

435) $\left(1\frac{5}{7}x - \frac{23}{24}y\right)\left(1\frac{2}{25}x + 17\frac{7}{64}y\right)$

436) $\left(24\frac{31}{85}a + 10\frac{92}{97}b\right)\left(-b + 1\frac{8}{13}a\right)$

437) $\left(\frac{19}{46}x + 41\frac{1}{10}y\right)\left(1\frac{2}{25}x + 39\frac{49}{68}y\right)$

438) $\left(1\frac{6}{7}x - \frac{15}{16}y\right)\left(2y + \frac{1}{3}x\right)$

439) $\left(\dfrac{1}{14}m + 36\dfrac{37}{40}n\right)\left(6\dfrac{2}{33}m + 1\dfrac{8}{11}n\right)$

440) $\left(13\dfrac{5}{98}a + 37\dfrac{49}{58}b\right)\left(\dfrac{19}{41}a + \dfrac{57}{68}b\right)$

441) $\left(16\dfrac{17}{20}x + 34\dfrac{15}{43}y\right)\left(\dfrac{14}{23}x - \dfrac{17}{26}y\right)$

442) $\left(1\dfrac{4}{35}x + 48\dfrac{23}{68}y\right)\left(1\dfrac{83}{85}x + 45\dfrac{69}{100}y\right)$

443) $\left(-2y + 10\dfrac{1}{42}x\right)\left(6\dfrac{61}{98}x - \dfrac{1}{15}y\right)$

444) $\left(1\dfrac{11}{14}m - 1\dfrac{9}{25}n\right)\left(32\dfrac{12}{37}m + 1\dfrac{35}{89}n\right)$

445) $\left(37\dfrac{35}{48}x + 35\dfrac{33}{46}y\right)\left(4\dfrac{5}{6}x + 16\dfrac{15}{16}y\right)$

446) $\left(43y + 27\dfrac{69}{70}x\right)\left(3\dfrac{19}{54}x - 1\dfrac{11}{24}y\right)$

447) $\left(17\dfrac{24}{77}u - \dfrac{4}{7}v\right)\left(\dfrac{41}{69}u - \dfrac{11}{12}v\right)$

448) $\left(\dfrac{17}{63}u - 3\dfrac{14}{41}v\right)\left(1\dfrac{25}{41}u - 1\dfrac{11}{48}v\right)$

449) $\left(12\dfrac{55}{56}x + 15\dfrac{71}{94}y\right)\left(\dfrac{7}{8}x + 77\dfrac{16}{55}y\right)$

450) $\left(1\dfrac{19}{33}x + \dfrac{41}{55}y\right)\left(97x - \dfrac{56}{71}y\right)$

451) $\left(45\dfrac{30}{91}a - \dfrac{11}{42}b\right)\left(39a - \dfrac{27}{44}b\right)$

452) $\left(48\dfrac{1}{6}a + 38\dfrac{19}{22}b\right)\left(74a + 35\dfrac{23}{96}b\right)$

453) $\left(1\dfrac{83}{84}x + 2\dfrac{27}{70}y\right)\left(1\dfrac{3}{4}x + \dfrac{14}{39}y\right)$

454) $\left(1\dfrac{3}{7}m + 1\dfrac{8}{85}n\right)\left(5\dfrac{11}{15}m - \dfrac{11}{31}n\right)$

455) $\left(1\dfrac{17}{28}x + 34\dfrac{7}{90}y\right)\left(20\dfrac{16}{49}x + 1\dfrac{9}{71}y\right)$

456) $\left(\dfrac{3}{13}x + 1\dfrac{1}{6}y\right)\left(84x + \dfrac{2}{5}y\right)$

457) $\left(\dfrac{13}{34}m + 30\dfrac{12}{71}n\right)\left(44\dfrac{1}{80}m + \dfrac{28}{43}n\right)$

458) $\left(4\dfrac{41}{42}x + 47\dfrac{3}{4}y\right)\left(4\dfrac{7}{10}x + 30\dfrac{35}{64}y\right)$

459) $\left(\frac{6}{7}x + 4\frac{1}{57}y\right)\left(\frac{8}{9}x + 7\frac{22}{91}y\right)$

460) $\left(\frac{27}{62}x + \frac{15}{22}y\right)\left(\frac{16}{27}x + 42\frac{21}{22}y\right)$

461) $\left(\frac{19}{35}u - 1\frac{4}{29}v\right)\left(16\frac{3}{26}u + \frac{11}{14}v\right)$

462) $\left(7\frac{29}{55}x + 35\frac{46}{49}y\right)\left(1\frac{1}{4}x + 31\frac{17}{38}y\right)$

463) $\left(36\frac{57}{77}x - 2\frac{11}{18}y\right)\left(12y + \frac{12}{49}x\right)$

464) $\left(39\frac{34}{91}x + 1\frac{56}{97}y\right)\left(1\frac{49}{92}x + \frac{15}{62}y\right)$

465) $\left(\frac{9}{83}u + 1\frac{55}{72}v\right)\left(4\frac{5}{16}u + \frac{28}{51}v\right)$

466) $\left(\frac{22}{49}a + 49\frac{58}{59}b\right)\left(72a + 1\frac{72}{89}b\right)$

467) $\left(24\frac{5}{6}x + \frac{22}{29}y\right)\left(25\frac{43}{65}x + 1\frac{23}{40}y\right)$

468) $\left(1\frac{1}{5}x + 15\frac{67}{88}y\right)\left(1\frac{7}{15}x - 1\frac{10}{51}y\right)$

469) $\left(43\frac{5}{13}a - \frac{14}{33}b\right)\left(1\frac{12}{17}a - 1\frac{1}{7}b\right)$

470) $\left(46\frac{1}{27}m + 40\frac{19}{46}n\right)\left(m - 1\frac{47}{67}n\right)$

471) $\left(\frac{33}{35}x - 1\frac{57}{74}y\right)\left(26\frac{23}{27}x + \frac{11}{35}y\right)$

472) $\left(\frac{17}{24}x + 39\frac{3}{61}y\right)\left(16\frac{3}{4}x + \frac{41}{57}y\right)$

473) $\left(\frac{29}{56}x - 1\frac{1}{3}y\right)\left(1\frac{1}{2}x - 1\frac{22}{35}y\right)$

474) $\left(93\frac{40}{41}m + 1\frac{1}{5}n\right)\left(1\frac{21}{89}m + 5\frac{37}{46}n\right)$

475) $\left(28\frac{35}{62}x + 36\frac{59}{94}y\right)\left(25\frac{13}{14}x + 20\frac{46}{67}y\right)$

476) $\left(\frac{28}{69}x + 27\frac{34}{89}y\right)\left(42\frac{23}{45}x - 1\frac{33}{46}y\right)$

477) $\left(30\frac{65}{76}u - 1\frac{54}{73}v\right)\left(\frac{47}{60}u - 3\frac{1}{6}v\right)$

478) $\left(-2b + \frac{1}{2}a\right)\left(18\frac{8}{71}a + 20\frac{10}{53}b\right)$

479) $\left(61\frac{59}{90}u + 25\frac{13}{66}v\right)\left(15\frac{4}{29}u - \frac{22}{29}v\right)$

480) $\left(1\frac{9}{28}x - \frac{53}{75}y\right)\left(1\frac{13}{38}x + 1\frac{7}{8}y\right)$

481) $\left(13\frac{4}{19}a + 7\frac{6}{11}b\right)\left(46\frac{13}{24}a - \frac{3}{16}b\right)$

482) $\left(35\frac{76}{97}x + 34\frac{29}{42}y\right)\left(1\frac{29}{42}x + \frac{3}{7}y\right)$

483) $\left(66\frac{9}{13}x + 1\frac{10}{21}y\right)\left(17\frac{28}{29}x - 1\frac{2}{25}y\right)$

484) $\left(\frac{5}{9}x - 1\frac{2}{5}y\right)\left(38\frac{4}{5}x + \frac{54}{89}y\right)$

485) $\left(4\frac{37}{48}m + 49\frac{68}{71}n\right)\left(23\frac{24}{73}m + 1\frac{13}{16}n\right)$

486) $\left(\frac{23}{55}x + \frac{1}{2}y\right)\left(15\frac{16}{83}x + 35\frac{17}{36}y\right)$

487) $\left(1\frac{13}{41}x + 24\frac{19}{20}y\right)\left(\frac{34}{65}x + 9\frac{13}{76}y\right)$

488) $\left(16\frac{21}{34}m - 1\frac{19}{90}n\right)\left(43\frac{4}{71}m + 30\frac{5}{14}n\right)$

489) $\left(18\frac{41}{69}x + 20\frac{11}{72}y\right)\left(1\frac{4}{5}x + 1\frac{1}{2}y\right)$

490) $\left(1\frac{61}{62}x + 49\frac{4}{49}y\right)\left(9\frac{27}{28}x - 1\frac{56}{65}y\right)$

491) $\left(26\frac{13}{83}u - 1\frac{13}{18}v\right)\left(11\frac{2}{69}u + 26\frac{9}{10}v\right)$

492) $\left(\frac{11}{29}x + 31\frac{16}{55}y\right)\left(45\frac{35}{36}x + 49\frac{44}{63}y\right)$

493) $\left(1\frac{3}{13}x - 1\frac{13}{22}y\right)\left(x + 20\frac{47}{62}y\right)$

494) $\left(-90v + 3\frac{32}{97}u\right)\left(1\frac{31}{70}u + 1\frac{1}{2}v\right)$

495) $\left(1\frac{3}{4}a + 19\frac{43}{51}b\right)\left(41\frac{2}{3}a + 8\frac{33}{61}b\right)$

496) $\left(-42y + 7\frac{13}{20}x\right)\left(29\frac{43}{60}x + 31\frac{77}{86}y\right)$

497) $\left(5\frac{3}{5}x - 1\frac{61}{86}y\right)\left(\frac{1}{6}x - 89\frac{19}{20}y\right)$

498) $\left(-83b + \frac{7}{26}a\right)\left(6\frac{27}{28}a + 1\frac{21}{59}b\right)$

499) $\left(31\dfrac{1}{33}x + 43\dfrac{47}{72}y\right)\left(1\dfrac{7}{74}x + \dfrac{16}{67}y\right)$

500) $\left(1\dfrac{11}{41}m - 1\dfrac{16}{23}n\right)\left(90m - 1\dfrac{43}{87}n\right)$

501) $\left(\dfrac{1}{2}x + 1\dfrac{17}{52}y\right)\left(15\dfrac{37}{50}x + 25\dfrac{3}{16}y\right)$

502) $\left(10x + 1\dfrac{2}{9}y\right)\left(-y + 21\dfrac{66}{79}x\right)$

503) $\left(43\dfrac{10}{69}x - \dfrac{11}{93}y\right)\left(\dfrac{15}{38}x + \dfrac{14}{27}y\right)$

504) $\left(1\dfrac{12}{25}x + 34\dfrac{17}{39}y\right)\left(1\dfrac{8}{73}x + 41\dfrac{21}{25}y\right)$

505) $\left(35m - \dfrac{35}{53}n\right)\left(5\dfrac{29}{30}m + \dfrac{60}{77}n\right)$

506) $\left(46\dfrac{61}{83}x + 24\dfrac{58}{73}y\right)\left(1\dfrac{30}{41}x + 47\dfrac{21}{37}y\right)$

507) $\left(\dfrac{18}{97}x + 46\dfrac{3}{67}y\right)\left(1\dfrac{41}{93}x + \dfrac{53}{75}y\right)$

508) $\left(47\dfrac{67}{90}u + 2\dfrac{11}{62}v\right)\left(\dfrac{29}{66}u + 2\dfrac{29}{35}v\right)$

509) $\left(50\dfrac{3}{5}u + 99\dfrac{31}{41}v\right)\left(48\dfrac{27}{82}u + 44\dfrac{33}{52}v\right)$

510) $\left(\dfrac{1}{6}x - \dfrac{41}{53}y\right)\left(13\dfrac{35}{62}x + 25\dfrac{1}{72}y\right)$

511) $\left(37x + 49\dfrac{33}{92}y\right)\left(7y + 19\dfrac{37}{49}x\right)$

512) $\left(46\dfrac{2}{19}a - \dfrac{8}{21}b\right)\left(1\dfrac{22}{35}a - \dfrac{3}{11}b\right)$

513) $\left(1\dfrac{24}{55}x + 1\dfrac{4}{13}y\right)\left(27\dfrac{28}{29}x - \dfrac{6}{35}y\right)$

514) $\left(31\dfrac{17}{40}x + 1\dfrac{71}{89}y\right)\left(2\dfrac{9}{77}x + 1\dfrac{27}{41}y\right)$

515) $\left(\dfrac{28}{47}m + 37\dfrac{34}{69}n\right)\left(1\dfrac{17}{30}m + \dfrac{31}{58}n\right)$

516) $\left(1\dfrac{2}{3}a - 1\dfrac{62}{83}b\right)\left(1\dfrac{51}{95}a - \dfrac{9}{37}b\right)$

517) $\left(35\dfrac{44}{61}m + 37\dfrac{51}{59}n\right)\left(40\dfrac{45}{91}m + \dfrac{1}{5}n\right)$

518) $\left(\dfrac{7}{34}x + 37\dfrac{83}{98}y\right)\left(28\dfrac{30}{53}x + 27\dfrac{32}{91}y\right)$

519) $\left(1\dfrac{2}{83}x - 1\dfrac{73}{84}y\right)\left(1\dfrac{3}{7}x + 27\dfrac{33}{34}y\right)$

520) $\left(38\dfrac{25}{76}x + 5\dfrac{21}{38}y\right)\left(84x + \dfrac{39}{56}y\right)$

521) $\left(18\dfrac{30}{89}x - \dfrac{13}{18}y\right)\left(36\dfrac{61}{74}x + 45\dfrac{4}{5}y\right)$

522) $\left(1\dfrac{61}{97}u + 19\dfrac{57}{70}v\right)\left(7\dfrac{1}{3}u - 3\dfrac{10}{19}v\right)$

523) $\left(65x + 42\dfrac{23}{76}y\right)\left(3\dfrac{1}{3}x + 1\dfrac{7}{8}y\right)$

524) $\left(20\dfrac{10}{11}u - \dfrac{74}{85}v\right)\left(50u + 30\dfrac{19}{91}v\right)$

525) $\left(21\dfrac{21}{26}a - \dfrac{55}{73}b\right)\left(32\dfrac{2}{71}a + 1\dfrac{1}{4}b\right)$

526) $\left(1\dfrac{1}{19}x - 3\dfrac{31}{99}y\right)\left(\dfrac{5}{13}x - \dfrac{1}{10}y\right)$

527) $\left(1\dfrac{2}{3}x - \dfrac{45}{86}y\right)\left(20\dfrac{1}{18}x - 1\dfrac{49}{60}y\right)$

528) $\left(1\dfrac{19}{54}m + 1\dfrac{14}{15}n\right)\left(-11n + \dfrac{21}{52}m\right)$

529) $\left(25\dfrac{20}{39}a + 1\dfrac{8}{15}b\right)\left(37\dfrac{67}{72}a - \dfrac{4}{23}b\right)$

530) $\left(27\dfrac{40}{47}x + 50\dfrac{24}{35}y\right)\left(1\dfrac{16}{19}x + 1\dfrac{61}{86}y\right)$

531) $\left(92\dfrac{56}{61}x + \dfrac{2}{7}y\right)\left(1\dfrac{5}{7}x - 1\dfrac{2}{49}y\right)$

532) $\left(\dfrac{13}{34}m + 7\dfrac{29}{100}n\right)\left(29\dfrac{4}{29}m + 25\dfrac{47}{75}n\right)$

533) $\left(1\dfrac{25}{82}x + 35\dfrac{62}{87}y\right)\left(38\dfrac{31}{56}x + 6\dfrac{39}{100}y\right)$

534) $\left(15\dfrac{31}{96}x + 29\dfrac{67}{100}y\right)\left(32\dfrac{1}{72}x + \dfrac{32}{65}y\right)$

535) $\left(33\dfrac{53}{75}x + 11\dfrac{41}{93}y\right)\left(46y + 64\dfrac{11}{13}x\right)$

536) $\left(\dfrac{13}{15}x + 49\dfrac{24}{31}y\right)\left(1\dfrac{51}{70}x + 21\dfrac{65}{96}y\right)$

537) $\left(1\dfrac{3}{4}u - \dfrac{11}{17}v\right)\left(1\dfrac{33}{64}u - \dfrac{8}{67}v\right)$

538) $\left(2u - 3\dfrac{2}{3}v\right)\left(21\dfrac{25}{26}u + 21\dfrac{13}{17}v\right)$

539) $\left(17\dfrac{7}{25}x + 44\dfrac{9}{20}y\right)\left(1\dfrac{19}{27}x - \dfrac{27}{64}y\right)$

540) $\left(14\dfrac{11}{12}x + \dfrac{33}{41}y\right)\left(4\dfrac{9}{13}x + 8\dfrac{38}{53}y\right)$

541) $\left(18\dfrac{17}{33}a - \dfrac{1}{10}b\right)\left(28\dfrac{29}{54}a + 50\dfrac{21}{32}b\right)$

542) $\left(1\dfrac{1}{10}x - \dfrac{7}{16}y\right)\left(1\dfrac{21}{86}x + 1\dfrac{9}{79}y\right)$

543) $\left(21\dfrac{3}{46}a + 1\dfrac{66}{89}b\right)\left(13\dfrac{10}{81}a - 2\dfrac{7}{68}b\right)$

544) $\left(-48y + \dfrac{13}{54}x\right)\left(\dfrac{6}{11}x + 41\dfrac{13}{36}y\right)$

545) $\left(19\dfrac{33}{82}x + 1\dfrac{16}{57}y\right)\left(\dfrac{1}{5}x + 6\dfrac{27}{44}y\right)$

546) $\left(\dfrac{15}{34}x - 1\dfrac{3}{5}y\right)\left(\dfrac{51}{64}x + \dfrac{3}{91}y\right)$

547) $\left(\dfrac{65}{74}m - 1\dfrac{26}{47}n\right)\left(9\dfrac{5}{9}m - 1\dfrac{13}{20}n\right)$

548) $\left(24\dfrac{60}{61}m + 24\dfrac{38}{69}n\right)\left(13m - 1\dfrac{37}{96}n\right)$

549) $\left(\dfrac{3}{4}x + 5\dfrac{9}{20}y\right)\left(\dfrac{11}{31}x - \dfrac{40}{43}y\right)$

550) $\left(1\dfrac{1}{2}x + 44\dfrac{51}{76}y\right)\left(20\dfrac{59}{80}x - \dfrac{4}{35}y\right)$

551) $\left(-49v + 8\dfrac{6}{11}u\right)\left(23\dfrac{8}{35}u - \dfrac{16}{41}v\right)$

552) $\left(\dfrac{86}{89}x + 39\dfrac{27}{34}y\right)\left(40\dfrac{19}{22}x - \dfrac{3}{7}y\right)$

553) $\left(46\dfrac{11}{18}x + 17\dfrac{7}{11}y\right)\left(9\dfrac{5}{93}x + 24\dfrac{19}{35}y\right)$

554) $\left(39\dfrac{34}{39}a + 26\dfrac{17}{54}b\right)\left(1\dfrac{31}{47}a + 1\dfrac{3}{28}b\right)$

555) $\left(\dfrac{19}{47}x - 1\dfrac{2}{7}y\right)\left(\dfrac{25}{27}x + 36\dfrac{21}{43}y\right)$

556) $\left(-y + 13\dfrac{11}{32}x\right)\left(1\dfrac{1}{8}x - 1\dfrac{70}{73}y\right)$

557) $\left(1\dfrac{12}{25}u + 47\dfrac{23}{48}v\right)\left(48\dfrac{23}{36}u + 25\dfrac{37}{62}v\right)$

558) $\left(42\dfrac{33}{53}a + 1\dfrac{10}{17}b\right)\left(\dfrac{12}{13}a + 1\dfrac{22}{35}b\right)$

559) $\left(\frac{53}{75}x + 19\frac{43}{50}y\right)\left(13\frac{5}{12}x - 1\frac{22}{71}y\right)$

560) $\left(45\frac{19}{68}m - 3\frac{5}{14}n\right)\left(27\frac{1}{22}m + \frac{5}{67}n\right)$

561) $\left(1\frac{56}{81}m - 1\frac{70}{93}n\right)\left(27\frac{1}{76}m + 41\frac{7}{33}n\right)$

562) $\left(1\frac{1}{5}x - \frac{3}{4}y\right)\left(\frac{4}{43}x + 4\frac{61}{70}y\right)$

563) $\left(1\frac{5}{96}x + 26\frac{38}{79}y\right)\left(14y + 1\frac{16}{25}x\right)$

564) $\left(32\frac{1}{4}x - 1\frac{11}{18}y\right)\left(\frac{73}{92}x + \frac{20}{81}y\right)$

565) $\left(-y + 37\frac{47}{88}x\right)\left(\frac{1}{5}x - 1\frac{6}{29}y\right)$

566) $\left(1\frac{4}{5}x + \frac{42}{65}y\right)\left(-74y + 19\frac{31}{54}x\right)$

567) $\left(\frac{13}{31}u - 1\frac{30}{47}v\right)\left(\frac{11}{29}u + 1\frac{3}{8}v\right)$

568) $\left(52y + \frac{16}{39}x\right)\left(13y + 10\frac{29}{72}x\right)$

569) $\left(30\frac{23}{25}x - 1\frac{29}{30}y\right)\left(7\frac{8}{31}x - \frac{9}{11}y\right)$

570) $\left(38\frac{13}{18}u + 32\frac{47}{98}v\right)\left(\frac{68}{77}u + 6\frac{36}{43}v\right)$

571) $\left(1\frac{1}{46}a + 16\frac{67}{81}b\right)\left(1\frac{11}{36}a + \frac{6}{25}b\right)$

572) $\left(50a + 1\frac{7}{38}b\right)\left(29\frac{10}{23}a + \frac{17}{29}b\right)$

573) $\left(36\frac{1}{53}x + 21\frac{7}{88}y\right)\left(1\frac{25}{48}x + 1\frac{17}{24}y\right)$

574) $\left(1\frac{13}{67}x + 5\frac{4}{11}y\right)\left(1\frac{4}{15}x + 1\frac{8}{61}y\right)$

575) $\left(19\frac{5}{88}m + 24\frac{4}{25}n\right)\left(36m - 1\frac{6}{11}n\right)$

576) $\left(-2y + 1\frac{37}{82}x\right)\left(1\frac{50}{99}x + \frac{1}{5}y\right)$

577) $\left(41\frac{31}{74}m + 38\frac{23}{58}n\right)\left(47\frac{13}{90}m + 27\frac{7}{8}n\right)$

578) $\left(\frac{11}{95}x + 7\frac{13}{82}y\right)\left(1\frac{37}{71}x - 1\frac{1}{3}y\right)$

579) $\left(74\frac{2}{11}x - \frac{2}{7}y\right)\left(\frac{48}{49}x + 1\frac{15}{32}y\right)$

580) $\left(20\frac{1}{3}x - 1\frac{13}{17}y\right)\left(1\frac{34}{45}x - \frac{18}{19}y\right)$

581) $\left(\frac{14}{17}x + 42\frac{11}{12}y\right)\left(38\frac{19}{44}x + 19\frac{26}{75}y\right)$

582) $\left(25\frac{23}{24}u + 4\frac{44}{85}v\right)\left(13\frac{28}{95}u + 5\frac{20}{77}v\right)$

583) $\left(52x + 1\frac{9}{16}y\right)\left(1\frac{13}{29}x - 1\frac{23}{33}y\right)$

584) $\left(1\frac{32}{45}x - 1\frac{19}{21}y\right)\left(\frac{19}{99}x + 1\frac{19}{27}y\right)$

585) $\left(33u + 5\frac{17}{60}v\right)\left(\frac{9}{19}u + 2\frac{41}{74}v\right)$

586) $\left(1\frac{26}{33}a + 40\frac{8}{13}b\right)\left(36a - 1\frac{14}{17}b\right)$

587) $\left(8\frac{49}{60}x + 21\frac{3}{46}y\right)\left(34\frac{29}{41}x - 1\frac{23}{25}y\right)$

588) $\left(31\frac{13}{53}a + \frac{35}{44}b\right)\left(-93b + 34\frac{77}{82}a\right)$

589) $\left(9\frac{13}{74}x + 4\frac{10}{13}y\right)\left(73\frac{11}{82}x + \frac{1}{23}y\right)$

590) $\left(46\frac{23}{81}m - 1\frac{1}{3}n\right)\left(\frac{5}{39}m + 17\frac{26}{51}n\right)$

591) $\left(1\frac{5}{44}x - \frac{19}{21}y\right)\left(\frac{16}{33}x + 39\frac{5}{11}y\right)$

592) $\left(47\frac{36}{95}m + 7\frac{43}{83}n\right)\left(-n + 1\frac{85}{92}m\right)$

593) $\left(x + 2\frac{18}{29}y\right)\left(-58y + 10\frac{63}{80}x\right)$

594) $\left(61u + \frac{6}{11}v\right)\left(6\frac{7}{36}u - \frac{45}{59}v\right)$

595) $\left(79x - \frac{52}{99}y\right)\left(1\frac{38}{85}x - 1\frac{23}{43}y\right)$

596) $\left(1\frac{5}{8}x + 1\frac{24}{29}y\right)\left(33x + \frac{9}{20}y\right)$

597) $\left(21\frac{9}{31}u + \frac{4}{15}v\right)\left(32\frac{19}{36}u + 12\frac{15}{53}v\right)$

598) $\left(33\frac{17}{46}u + 32\frac{7}{38}v\right)\left(\frac{5}{7}u + 28\frac{1}{2}v\right)$

599) $\left(\dfrac{2}{19}x - 33\dfrac{36}{43}y\right)\left(38\dfrac{9}{50}x + 1\dfrac{58}{71}y\right)$

600) $\left(\dfrac{33}{52}x + 18\dfrac{13}{30}y\right)\left(49\dfrac{9}{34}x + 1\dfrac{1}{2}y\right)$

Multiplying polynomials - Fractions - Simplify product of binomials

Simplify product of fractions with two variables:

1) $\left(x - 1\frac{1}{8}y\right)\left(-2y + 1\frac{1}{5}x\right)$

$-3\frac{7}{20}xy + 1\frac{1}{5}x^2 + 2\frac{1}{4}y^2$

2) $\left(\frac{5}{6}u + 1\frac{2}{5}v\right)\left(8u + 3\frac{1}{5}v\right)$

$6\frac{2}{3}u^2 + 13\frac{13}{15}uv + 4\frac{12}{25}v^2$

3) $\left(3\frac{1}{6}a + 1\frac{1}{3}b\right)\left(1\frac{4}{5}a + 4\frac{1}{7}b\right)$

$5\frac{7}{10}a^2 + 15\frac{109}{210}ab + 5\frac{11}{21}b^2$

4) $\left(3\frac{5}{6}a - 1\frac{1}{4}b\right)\left(2\frac{1}{2}a - \frac{1}{2}b\right)$

$9\frac{7}{12}a^2 - 5\frac{1}{24}ab + \frac{5}{8}b^2$

5) $\left(2x - 1\frac{3}{4}y\right)\left(y + \frac{1}{3}x\right)$

$1\frac{5}{12}xy + \frac{2}{3}x^2 - 1\frac{3}{4}y^2$

6) $\left(1\frac{1}{6}m + 3\frac{2}{3}n\right)\left(\frac{3}{8}m + \frac{1}{3}n\right)$

$\frac{7}{16}m^2 + 1\frac{55}{72}mn + 1\frac{2}{9}n^2$

7) $\left(3\frac{1}{2}x - \frac{2}{5}y\right)\left(y + 1\frac{1}{2}x\right)$

$2\frac{9}{10}xy + 5\frac{1}{4}x^2 - \frac{2}{5}y^2$

8) $\left(\frac{4}{7}m - 1\frac{1}{7}n\right)\left(2n + \frac{4}{7}m\right)$

$\frac{24}{49}mn + \frac{16}{49}m^2 - 2\frac{2}{7}n^2$

9) $\left(1\frac{1}{2}x - 1\frac{2}{7}y\right)\left(3\frac{1}{4}x - 1\frac{1}{8}y\right)$

$4\frac{7}{8}x^2 - 5\frac{97}{112}xy + 1\frac{25}{56}y^2$

10) $\left(2\frac{2}{3}x + \frac{1}{3}y\right)\left(2\frac{1}{2}x - 1\frac{1}{2}y\right)$

$6\frac{2}{3}x^2 - 3\frac{1}{6}xy - \frac{1}{2}y^2$

11) $\left(3\frac{3}{4}x - 1\frac{1}{2}y\right)\left(1\frac{4}{5}x - 1\frac{2}{5}y\right)$

$6\frac{3}{4}x^2 - 7\frac{19}{20}xy + 2\frac{1}{10}y^2$

12) $\left(\frac{5}{6}x + 4\frac{4}{5}y\right)\left(1\frac{5}{6}x + 1\frac{1}{6}y\right)$

$1\frac{19}{36}x^2 + 9\frac{139}{180}xy + 5\frac{3}{5}y^2$

13) $\left(4\frac{6}{7}x + \frac{1}{2}y\right)\left(x + 1\frac{3}{5}y\right)$

$4\frac{6}{7}x^2 + 8\frac{19}{70}xy + \frac{4}{5}y^2$

14) $\left(2v + 1\frac{2}{3}u\right)\left(-6v + 1\frac{3}{7}u\right)$

$-12v^2 - 7\frac{1}{7}vu + 2\frac{8}{21}u^2$

15) $\left(-v + 2\frac{3}{4}u\right)\left(2u - 3\frac{1}{2}v\right)$

$-11\frac{5}{8}vu + 3\frac{1}{2}v^2 + 5\frac{1}{2}u^2$

16) $\left(4\frac{5}{7}x + \frac{1}{4}y\right)\left(\frac{3}{8}x + 1\frac{2}{3}y\right)$

$1\frac{43}{56}x^2 + 7\frac{213}{224}xy + \frac{5}{12}y^2$

17) $\left(1\frac{5}{7}x + \frac{1}{4}y\right)\left(\frac{1}{2}x + 3\frac{1}{7}y\right)$

$\frac{6}{7}x^2 + 5\frac{201}{392}xy + \frac{11}{14}y^2$

18) $\left(1\frac{1}{7}x + 4\frac{2}{5}y\right)\left(-2y + 1\frac{4}{7}x\right)$

$4\frac{22}{35}xy + 1\frac{39}{49}x^2 - 8\frac{4}{5}y^2$

19) $\left(1\frac{2}{3}a + 1\frac{1}{4}b\right)\left(\frac{3}{5}a + 3\frac{1}{3}b\right)$

$a^2 + 6\frac{11}{36}ab + 4\frac{1}{6}b^2$

20) $\left(-b + 3\frac{3}{4}a\right)\left(\frac{5}{8}a + 2\frac{4}{5}b\right)$

$9\frac{7}{8}ba - 2\frac{4}{5}b^2 + 2\frac{11}{32}a^2$

21) $\left(2y + 1\frac{6}{7}x\right)\left(\frac{5}{8}x + \frac{1}{6}y\right)$

$1\frac{47}{84}yx + \frac{1}{3}y^2 + 1\frac{9}{56}x^2$

22) $\left(1\frac{1}{2}m + 1\frac{1}{3}n\right)\left(3\frac{5}{6}m + 3\frac{1}{7}n\right)$

$5\frac{3}{4}m^2 + 9\frac{52}{63}mn + 4\frac{4}{21}n^2$

23) $\left(4\frac{1}{4}m - 1\frac{4}{7}n\right)\left(\frac{1}{2}m + \frac{3}{7}n\right)$

$2\frac{1}{8}m^2 + 1\frac{1}{28}mn - \frac{33}{49}n^2$

24) $\left(\frac{1}{7}x - 3\frac{2}{7}y\right)\left(1\frac{1}{5}x + 1\frac{1}{6}y\right)$

$\frac{6}{35}x^2 - 3\frac{163}{210}xy - 3\frac{5}{6}y^2$

25) $\left(4\frac{3}{7}x + 2\frac{3}{8}y\right)\left(3\frac{1}{6}x + 1\frac{3}{5}y\right)$

$14\frac{1}{42}x^2 + 14\frac{1019}{1680}xy + 3\frac{4}{5}y^2$

26) $\left(1\frac{4}{5}x + 1\frac{5}{6}y\right)\left(3x + 1\frac{3}{7}y\right)$

$5\frac{2}{5}x^2 + 8\frac{1}{14}xy + 2\frac{13}{21}y^2$

27) $\left(5\frac{5}{8}x + 1\frac{1}{2}y\right)\left(-2y + 2\frac{1}{4}x\right)$

$-7\frac{7}{8}xy + 12\frac{21}{32}x^2 - 3y^2$

28) $\left(\frac{1}{4}x + 1\frac{1}{2}y\right)\left(2x - 3\frac{1}{4}y\right)$

$\frac{1}{2}x^2 + 2\frac{3}{16}xy - 4\frac{7}{8}y^2$

29) $\left(2u + 1\frac{1}{2}v\right)\left(3\frac{1}{2}u - \frac{3}{5}v\right)$

$7u^2 + 4\frac{1}{20}uv - \frac{9}{10}v^2$

30) $\left(\frac{3}{5}x + \frac{4}{7}y\right)\left(1\frac{1}{4}x + \frac{7}{8}y\right)$

$\frac{3}{4}x^2 + 1\frac{67}{280}xy + \frac{1}{2}y^2$

31) $\left(1\frac{7}{8}x + 4\frac{1}{6}y\right)\left(4\frac{5}{8}x - 1\frac{3}{4}y\right)$

$8\frac{43}{64}x^2 + 15\frac{95}{96}xy - 7\frac{7}{24}y^2$

32) $\left(1\frac{3}{8}u + \frac{1}{5}v\right)\left(-v + 4\frac{1}{6}u\right)$

$-\frac{13}{24}uv + 5\frac{35}{48}u^2 - \frac{1}{5}v^2$

33) $\left(-8b + \frac{3}{4}a\right)\left(4\frac{3}{4}a - 1\frac{2}{3}b\right)$

$-39\frac{1}{4}ba + 13\frac{1}{3}b^2 + 3\frac{9}{16}a^2$

34) $\left(-2y + \frac{4}{5}x\right)\left(1\frac{4}{5}x + 3\frac{4}{7}y\right)$

$-\frac{26}{35}yx - 7\frac{1}{7}y^2 + 1\frac{11}{25}x^2$

35) $\left(2y + \frac{1}{5}x\right)\left(2x - 1\frac{1}{6}y\right)$

$3\frac{23}{30}yx - 2\frac{1}{3}y^2 + \frac{2}{5}x^2$

36) $\left(1\frac{1}{2}a - 1\frac{7}{8}b\right)\left(3\frac{7}{8}a - 1\frac{2}{3}b\right)$

$5\frac{13}{16}a^2 - 9\frac{49}{64}ab + 3\frac{1}{8}b^2$

37) $\left(\frac{2}{5}x + \frac{1}{2}y\right)\left(4x + 1\frac{1}{2}y\right)$

$1\frac{3}{5}x^2 + 2\frac{3}{5}xy + \frac{3}{4}y^2$

38) $\left(2x - 6\frac{1}{8}y\right)\left(5y + 2\frac{5}{6}x\right)$

$-7\frac{17}{48}xy + 5\frac{2}{3}x^2 - 30\frac{5}{8}y^2$

39) $\left(-n + 3\frac{1}{2}m\right)\left(5\frac{1}{7}m + \frac{1}{2}n\right)$

$-3\frac{11}{28}nm - \frac{1}{2}n^2 + 18m^2$

40) $\left(2\frac{1}{8}m + 2\frac{5}{7}n\right)\left(1\frac{1}{8}m + 2\frac{3}{8}n\right)$

$2\frac{25}{64}m^2 + 8\frac{45}{448}mn + 6\frac{25}{56}n^2$

41) $\left(x - 6\frac{1}{4}y\right)\left(2x + \frac{3}{4}y\right)$

$2x^2 - 11\frac{3}{4}xy - 4\frac{11}{16}y^2$

42) $\left(-2y + 1\frac{1}{2}x\right)\left(\frac{4}{7}x - 1\frac{5}{6}y\right)$

$-3\frac{25}{28}yx + 3\frac{2}{3}y^2 + \frac{6}{7}x^2$

43) $\left(1\frac{1}{6}x + 3\frac{1}{2}y\right)\left(\frac{1}{5}x + \frac{3}{8}y\right)$

$\frac{7}{30}x^2 + 1\frac{11}{80}xy + 1\frac{5}{16}y^2$

44) $\left(3x - \frac{2}{3}y\right)\left(-y + \frac{1}{4}x\right)$

$-3\frac{1}{6}xy + \frac{3}{4}x^2 + \frac{2}{3}y^2$

45) $\left(\frac{1}{6}u + 3\frac{1}{7}v\right)\left(3\frac{4}{7}u + 4\frac{7}{8}v\right)$

$\frac{25}{42}u^2 + 12\frac{29}{784}uv + 15\frac{9}{28}v^2$

46) $\left(-3v + 2\frac{1}{6}u\right)\left(u - 3\frac{5}{8}v\right)$

$-10\frac{41}{48}vu + 10\frac{7}{8}v^2 + 2\frac{1}{6}u^2$

47) $\left(2y + 4\frac{2}{3}x\right)\left(-y + 1\frac{1}{5}x\right)$

$-2y^2 - 2\frac{4}{15}yx + 5\frac{3}{5}x^2$

48) $\left(\frac{2}{3}a + 4\frac{1}{2}b\right)\left(2b + 1\frac{1}{2}a\right)$

$8\frac{1}{12}ab + a^2 + 9b^2$

49) $\left(4\frac{1}{2}x - 1\frac{2}{3}y\right)\left(x - 1\frac{3}{5}y\right)$

$4\frac{1}{2}x^2 - 8\frac{13}{15}xy + 2\frac{2}{3}y^2$

50) $\left(\frac{2}{3}x - 1\frac{1}{6}y\right)\left(2\frac{3}{5}x + 3\frac{1}{3}y\right)$

$1\frac{11}{15}x^2 - \frac{73}{90}xy - 3\frac{8}{9}y^2$

51) $\left(1\frac{3}{7}a + 1\frac{1}{4}b\right)\left(a + 3\frac{2}{3}b\right)$

$1\frac{3}{7}a^2 + 6\frac{41}{84}ab + 4\frac{7}{12}b^2$

52) $\left(-2n + \frac{1}{3}m\right)\left(2n + 3\frac{3}{8}m\right)$

$-4n^2 - 6\frac{1}{12}nm + 1\frac{1}{8}m^2$

53) $\left(n + 3\frac{4}{7}m\right)\left(2\frac{4}{7}m - \frac{1}{3}n\right)$

$1\frac{8}{21}nm - \frac{1}{3}n^2 + 9\frac{9}{49}m^2$

54) $\left(\frac{1}{2}x + \frac{1}{4}y\right)\left(1\frac{1}{2}x + 1\frac{1}{2}y\right)$

$\frac{3}{4}x^2 + 1\frac{1}{8}xy + \frac{3}{8}y^2$

55) $\left(1\frac{1}{3}x - 1\frac{5}{8}y\right)\left(4\frac{3}{4}x - 1\frac{2}{3}y\right)$

$6\frac{1}{3}x^2 - 9\frac{271}{288}xy + 2\frac{17}{24}y^2$

56) $\left(5x + 3\frac{1}{7}y\right)\left(1\frac{1}{2}x + \frac{6}{7}y\right)$

$7\frac{1}{2}x^2 + 9xy + 2\frac{34}{49}y^2$

57) $\left(-6y + \frac{1}{3}x\right)\left(1\frac{2}{5}x - 5\frac{2}{5}y\right)$

$-10\frac{1}{5}yx + 32\frac{2}{5}y^2 + \frac{7}{15}x^2$

58) $\left(\frac{2}{3}u - 2\frac{4}{5}v\right)\left(1\frac{1}{8}u - \frac{3}{8}v\right)$

$\frac{3}{4}u^2 - 3\frac{2}{5}uv + 1\frac{1}{20}v^2$

59) $\left(1\frac{3}{7}x + 1\frac{4}{5}y\right)\left(x - 1\frac{1}{2}y\right)$

$1\frac{3}{7}x^2 - \frac{12}{35}xy - 2\frac{7}{10}y^2$

60) $\left(2\frac{1}{4}u + 4\frac{1}{2}v\right)\left(\frac{1}{2}u + 1\frac{1}{8}v\right)$

$1\frac{1}{8}u^2 + 4\frac{25}{32}uv + 5\frac{1}{16}v^2$

61) $\left(-2y + 1\frac{2}{7}x\right)\left(\frac{6}{7}x - \frac{3}{4}y\right)$

$-2\frac{19}{28}yx + 1\frac{1}{2}y^2 + 1\frac{5}{49}x^2$

62) $\left(\frac{3}{4}a + \frac{2}{3}b\right)\left(a + 1\frac{1}{2}b\right)$

$\frac{3}{4}a^2 + 1\frac{19}{24}ab + b^2$

63) $\left(4\frac{3}{7}x + 4\frac{1}{2}y\right)\left(1\frac{2}{3}x - 2\frac{3}{4}y\right)$

$7\frac{8}{21}x^2 - 4\frac{19}{28}xy - 12\frac{3}{8}y^2$

64) $\left(2a + 1\frac{3}{4}b\right)\left(-2b + 4\frac{6}{7}a\right)$

$4\frac{1}{2}ab + 9\frac{5}{7}a^2 - 3\frac{1}{2}b^2$

65) $\left(-y + 4\frac{7}{8}x\right)\left(1\frac{1}{3}x + 3\frac{5}{7}y\right)$

$16\frac{65}{84}yx - 3\frac{5}{7}y^2 + 6\frac{1}{2}x^2$

66) $\left(4\frac{2}{7}x - 1\frac{6}{7}y\right)\left(1\frac{2}{7}x + 4\frac{2}{3}y\right)$

$5\frac{25}{49}x^2 + 17\frac{30}{49}xy - 8\frac{2}{3}y^2$

67) $\left(2m - \frac{2}{3}n\right)\left(2n + \frac{1}{2}m\right)$

$3\frac{2}{3}mn + m^2 - 1\frac{1}{3}n^2$

68) $\left(4\frac{1}{4}m - 3\frac{1}{6}n\right)\left(5\frac{1}{6}m - 2\frac{7}{8}n\right)$

$21\frac{23}{24}m^2 - 28\frac{167}{288}mn + 9\frac{5}{48}n^2$

69) $\left(2x + 1\frac{3}{7}y\right)\left(\frac{1}{2}x + 3\frac{5}{6}y\right)$

$x^2 + 8\frac{8}{21}xy + 5\frac{10}{21}y^2$

70) $\left(1\frac{1}{4}x + 1\frac{1}{4}y\right)\left(1\frac{3}{5}x - 1\frac{1}{7}y\right)$

$2x^2 + \frac{4}{7}xy - 1\frac{3}{7}y^2$

71) $\left(\frac{4}{5}x - \frac{3}{7}y\right)\left(-5y + 1\frac{1}{4}x\right)$

$-4\frac{15}{28}xy + x^2 + 2\frac{1}{7}y^2$

72) $\left(1\frac{5}{8}x - 3\frac{1}{4}y\right)\left(1\frac{1}{4}x + 1\frac{2}{3}y\right)$

$2\frac{1}{32}x^2 - 1\frac{17}{48}xy - 5\frac{5}{12}y^2$

73) $\left(2\frac{1}{2}u - \frac{5}{7}v\right)\left(\frac{1}{8}u - 3\frac{1}{7}v\right)$

$\frac{5}{16}u^2 - 7\frac{53}{56}uv + 2\frac{12}{49}v^2$

74) $\left(\frac{1}{2}x + 1\frac{2}{3}y\right)\left(2x - 2\frac{2}{5}y\right)$

$x^2 + 2\frac{2}{15}xy - 4y^2$

75) $\left(\frac{6}{7}x + \frac{2}{3}y\right)\left(2\frac{2}{3}x + \frac{2}{3}y\right)$

$2\frac{2}{7}x^2 + 2\frac{22}{63}xy + \frac{4}{9}y^2$

76) $\left(2x + 2\frac{1}{3}y\right)\left(x - 2\frac{1}{7}y\right)$

$2x^2 - 1\frac{20}{21}xy - 5y^2$

77) $\left(\frac{7}{8}u + 1\frac{1}{2}v\right)\left(1\frac{1}{2}u + 1\frac{5}{6}v\right)$

$1\frac{5}{16}u^2 + 3\frac{41}{48}uv + 2\frac{3}{4}v^2$

78) $\left(7a + 2\frac{3}{4}b\right)\left(2a + \frac{5}{8}b\right)$

$14a^2 + 9\frac{7}{8}ab + 1\frac{23}{32}b^2$

79) $\left(-4y + \dfrac{4}{5}x\right)\left(2\dfrac{1}{4}x + 3\dfrac{1}{8}y\right)$

$-6\dfrac{1}{2}yx - 12\dfrac{1}{2}y^2 + 1\dfrac{4}{5}x^2$

80) $\left(3\dfrac{1}{5}x - 3\dfrac{2}{5}y\right)\left(1\dfrac{1}{2}x - 1\dfrac{3}{5}y\right)$

$4\dfrac{4}{5}x^2 - 10\dfrac{11}{50}xy + 5\dfrac{11}{25}y^2$

81) $\left(1\dfrac{1}{2}a - 2\dfrac{2}{7}b\right)\left(3\dfrac{1}{3}a + \dfrac{5}{8}b\right)$

$5a^2 - 6\dfrac{229}{336}ab - 1\dfrac{3}{7}b^2$

82) $\left(2m - \dfrac{1}{4}n\right)\left(\dfrac{2}{3}m - 3\dfrac{2}{3}n\right)$

$1\dfrac{1}{3}m^2 - 7\dfrac{1}{2}mn + \dfrac{11}{12}n^2$

83) $\left(\dfrac{5}{6}x + 1\dfrac{3}{5}y\right)\left(2y + \dfrac{2}{5}x\right)$

$2\dfrac{23}{75}xy + \dfrac{1}{3}x^2 + 3\dfrac{1}{5}y^2$

84) $\left(-y + \dfrac{2}{5}x\right)\left(1\dfrac{1}{3}x + 1\dfrac{3}{5}y\right)$

$-\dfrac{52}{75}yx - 1\dfrac{3}{5}y^2 + \dfrac{8}{15}x^2$

85) $\left(\dfrac{1}{2}m - \dfrac{1}{3}n\right)\left(\dfrac{6}{7}m + \dfrac{2}{7}n\right)$

$\dfrac{3}{7}m^2 - \dfrac{1}{7}mn - \dfrac{2}{21}n^2$

86) $\left(x - 1\dfrac{6}{7}y\right)\left(2x - 1\dfrac{5}{6}y\right)$

$2x^2 - 5\dfrac{23}{42}xy + 3\dfrac{17}{42}y^2$

87) $\left(\dfrac{1}{3}u + 1\dfrac{1}{3}v\right)\left(1\dfrac{2}{3}u + 1\dfrac{1}{2}v\right)$

$\dfrac{5}{9}u^2 + 2\dfrac{13}{18}uv + 2v^2$

88) $\left(5x + 1\dfrac{1}{2}y\right)\left(\dfrac{1}{3}x + 4\dfrac{1}{4}y\right)$

$1\dfrac{2}{3}x^2 + 21\dfrac{3}{4}xy + 6\dfrac{3}{8}y^2$

89) $\left(2x + 1\dfrac{1}{2}y\right)\left(-y + 3\dfrac{1}{4}x\right)$

$2\dfrac{7}{8}xy + 6\dfrac{1}{2}x^2 - 1\dfrac{1}{2}y^2$

90) $\left(8\dfrac{1}{3}x - 3\dfrac{1}{6}y\right)\left(2x - 1\dfrac{5}{6}y\right)$

$16\dfrac{2}{3}x^2 - 21\dfrac{11}{18}xy + 5\dfrac{29}{36}y^2$

91) $\left(1\dfrac{2}{5}x + 1\dfrac{1}{6}y\right)\left(\dfrac{1}{2}x + 3\dfrac{1}{4}y\right)$

$\dfrac{7}{10}x^2 + 5\dfrac{2}{15}xy + 3\dfrac{19}{24}y^2$

92) $\left(4\dfrac{5}{6}u + 4\dfrac{4}{7}v\right)\left(u + 1\dfrac{1}{2}v\right)$

$4\dfrac{5}{6}u^2 + 11\dfrac{23}{28}uv + 6\dfrac{6}{7}v^2$

93) $\left(-y + 1\dfrac{1}{2}x\right)\left(\dfrac{1}{6}x - 3\dfrac{3}{4}y\right)$

$-5\dfrac{19}{24}yx + 3\dfrac{3}{4}y^2 + \dfrac{1}{4}x^2$

94) $\left(1\dfrac{1}{7}a - 1\dfrac{2}{7}b\right)\left(\dfrac{3}{5}a + \dfrac{1}{5}b\right)$

$\dfrac{24}{35}a^2 - \dfrac{19}{35}ab - \dfrac{9}{35}b^2$

95) $\left(4\dfrac{2}{3}x - \dfrac{2}{5}y\right)\left(2\dfrac{3}{4}x + 1\dfrac{3}{8}y\right)$

$12\dfrac{5}{6}x^2 + 5\dfrac{19}{60}xy - \dfrac{11}{20}y^2$

96) $\left(1\dfrac{1}{6}a + \dfrac{1}{5}b\right)\left(\dfrac{1}{3}a + 1\dfrac{1}{4}b\right)$

$\dfrac{7}{18}a^2 + 1\dfrac{21}{40}ab + \dfrac{1}{4}b^2$

97) $\left(4\dfrac{1}{3}x - 3\dfrac{1}{2}y\right)\left(3\dfrac{4}{5}x + 1\dfrac{2}{7}y\right)$

$16\dfrac{7}{15}x^2 - 7\dfrac{51}{70}xy - 4\dfrac{1}{2}y^2$

98) $\left(\dfrac{3}{7}m + 4\dfrac{4}{5}n\right)\left(2\dfrac{5}{6}m - 3\dfrac{1}{2}n\right)$

$1\dfrac{3}{14}m^2 + 12\dfrac{1}{10}mn - 16\dfrac{4}{5}n^2$

99) $\left(m + 4\frac{1}{8}n\right)\left(2\frac{1}{8}m - 1\frac{1}{4}n\right)$

$2\frac{1}{8}m^2 + 7\frac{33}{64}mn - 5\frac{5}{32}n^2$

100) $\left(-2y + 3\frac{2}{3}x\right)\left(1\frac{1}{4}x - 1\frac{1}{3}y\right)$

$-7\frac{7}{18}yx + 2\frac{2}{3}y^2 + 4\frac{7}{12}x^2$

101) $\left(2y + 1\frac{1}{12}x\right)\left(1\frac{1}{10}x + \frac{1}{2}y\right)$

$2\frac{89}{120}yx + y^2 + 1\frac{23}{120}x^2$

102) $\left(1\frac{7}{8}x - \frac{2}{3}y\right)\left(\frac{3}{10}x - \frac{1}{4}y\right)$

$\frac{9}{16}x^2 - \frac{107}{160}xy + \frac{1}{6}y^2$

103) $\left(y + 6\frac{2}{3}x\right)\left(6\frac{1}{2}x + 6\frac{8}{9}y\right)$

$52\frac{23}{54}yx + 6\frac{8}{9}y^2 + 43\frac{1}{3}x^2$

104) $\left(v + \frac{2}{5}u\right)\left(\frac{2}{5}u + 3\frac{6}{11}v\right)$

$1\frac{9}{11}vu + 3\frac{6}{11}v^2 + \frac{4}{25}u^2$

105) $\left(3\frac{4}{9}x + \frac{5}{7}y\right)\left(6\frac{4}{7}x + 2\frac{1}{6}y\right)$

$22\frac{40}{63}x^2 + 12\frac{415}{2646}xy + 1\frac{23}{42}y^2$

106) $\left(\frac{1}{2}u - 3\frac{7}{10}v\right)\left(4\frac{3}{11}u + \frac{5}{8}v\right)$

$2\frac{3}{22}u^2 - 15\frac{437}{880}uv - 2\frac{5}{16}v^2$

107) $\left(-2y + 1\frac{1}{7}x\right)\left(4\frac{5}{7}x - \frac{8}{11}y\right)$

$-10\frac{20}{77}yx + 1\frac{5}{11}y^2 + 5\frac{19}{49}x^2$

108) $\left(\frac{1}{2}x + 3\frac{4}{7}y\right)\left(\frac{3}{8}x + 1\frac{2}{3}y\right)$

$\frac{3}{16}x^2 + 2\frac{29}{168}xy + 5\frac{20}{21}y^2$

109) $\left(2x + 1\frac{1}{2}y\right)\left(8x + 2\frac{3}{5}y\right)$

$16x^2 + 17\frac{1}{5}xy + 3\frac{9}{10}y^2$

110) $\left(4\frac{1}{8}a + 1\frac{3}{4}b\right)\left(\frac{1}{9}a - 1\frac{8}{9}b\right)$

$\frac{11}{24}a^2 - 7\frac{43}{72}ab - 3\frac{11}{36}b^2$

111) $\left(\frac{5}{6}a - 1\frac{1}{7}b\right)\left(\frac{2}{5}a + \frac{8}{11}b\right)$

$\frac{1}{3}a^2 + \frac{172}{1155}ab - \frac{64}{77}b^2$

112) $\left(2\frac{1}{12}m - 2\frac{2}{5}n\right)\left(6\frac{1}{10}m + \frac{3}{4}n\right)$

$12\frac{17}{24}m^2 - 13\frac{31}{400}mn - 1\frac{4}{5}n^2$

113) $\left(7y + 2\frac{1}{11}x\right)\left(6\frac{1}{2}x - \frac{3}{4}y\right)$

$43\frac{41}{44}yx - 5\frac{1}{4}y^2 + 13\frac{13}{22}x^2$

114) $\left(1\frac{1}{2}m - \frac{3}{11}n\right)\left(5\frac{3}{10}m + 1\frac{1}{6}n\right)$

$7\frac{19}{20}m^2 + \frac{67}{220}mn - \frac{7}{22}n^2$

115) $\left(4\frac{3}{4}x + 1\frac{2}{3}y\right)\left(5\frac{11}{12}x + \frac{2}{11}y\right)$

$28\frac{5}{48}x^2 + 10\frac{287}{396}xy + \frac{10}{33}y^2$

116) $\left(\frac{3}{8}x - 1\frac{1}{2}y\right)\left(5\frac{7}{9}x - 1\frac{1}{6}y\right)$

$2\frac{1}{6}x^2 - 9\frac{5}{48}xy + 1\frac{3}{4}y^2$

117) $\left(1\frac{3}{5}x - 1\frac{4}{5}y\right)\left(8y + 1\frac{3}{5}x\right)$

$9\frac{23}{25}xy + 2\frac{14}{25}x^2 - 14\frac{2}{5}y^2$

118) $\left(\frac{5}{6}u - 1\frac{2}{5}v\right)\left(2v + \frac{1}{3}u\right)$

$1\frac{1}{5}uv + \frac{5}{18}u^2 - 2\frac{4}{5}v^2$

119) $\left(1\frac{2}{7}x + 2\frac{5}{8}y\right)\left(2y + \frac{8}{9}x\right)$

$4\frac{19}{21}xy + 1\frac{1}{7}x^2 + 5\frac{1}{4}y^2$

120) $\left(1\frac{1}{5}u - 1\frac{3}{4}v\right)\left(\frac{2}{11}u + 1\frac{4}{11}v\right)$

$\frac{12}{55}u^2 + 1\frac{7}{22}uv - 2\frac{17}{44}v^2$

121) $\left(12\frac{3}{5}x - \frac{1}{7}y\right)\left(x + 4\frac{3}{7}y\right)$

$12\frac{3}{5}x^2 + 55\frac{23}{35}xy - \frac{31}{49}y^2$

122) $\left(1\frac{7}{12}a - 1\frac{4}{9}b\right)\left(\frac{1}{12}a - \frac{2}{3}b\right)$

$\frac{19}{144}a^2 - 1\frac{19}{108}ab + \frac{26}{27}b^2$

123) $\left(2x + \frac{1}{3}y\right)\left(\frac{3}{11}x - 1\frac{1}{8}y\right)$

$\frac{6}{11}x^2 - 2\frac{7}{44}xy - \frac{3}{8}y^2$

124) $\left(\frac{1}{2}a - 3\frac{6}{7}b\right)\left(\frac{8}{9}a + \frac{3}{4}b\right)$

$\frac{4}{9}a^2 - 3\frac{3}{56}ab - 2\frac{25}{28}b^2$

125) $\left(\frac{5}{11}x - 1\frac{1}{6}y\right)\left(3\frac{7}{12}x + 1\frac{2}{5}y\right)$

$1\frac{83}{132}x^2 - 3\frac{431}{792}xy - 1\frac{19}{30}y^2$

126) $\left(3\frac{1}{2}x - 3\frac{2}{9}y\right)\left(\frac{2}{3}x + \frac{3}{8}y\right)$

$2\frac{1}{3}x^2 - \frac{361}{432}xy - 1\frac{5}{24}y^2$

127) $\left(6\frac{1}{8}m + 4\frac{1}{2}n\right)\left(1\frac{1}{5}m + \frac{1}{9}n\right)$

$7\frac{7}{20}m^2 + 6\frac{29}{360}mn + \frac{1}{2}n^2$

128) $\left(5\frac{5}{7}x + 3\frac{1}{12}y\right)\left(2\frac{2}{5}x + 6\frac{2}{7}y\right)$

$13\frac{5}{7}x^2 + 43\frac{78}{245}xy + 19\frac{8}{21}y^2$

129) $\left(\frac{1}{2}m + 5\frac{11}{12}n\right)\left(4\frac{7}{11}m + 4\frac{1}{10}n\right)$

$2\frac{7}{22}m^2 + 29\frac{53}{110}mn + 24\frac{31}{120}n^2$

130) $\left(\frac{1}{2}x + \frac{1}{2}y\right)\left(4\frac{9}{11}x - 1\frac{2}{7}y\right)$

$2\frac{9}{22}x^2 + 1\frac{59}{77}xy - \frac{9}{14}y^2$

131) $\left(2x - 1\frac{1}{10}y\right)\left(2\frac{9}{11}x - \frac{7}{10}y\right)$

$5\frac{7}{11}x^2 - 4\frac{1}{2}xy + \frac{77}{100}y^2$

132) $\left(7\frac{7}{10}x + 1\frac{1}{3}y\right)\left(12y + \frac{5}{7}x\right)$

$93\frac{37}{105}xy + 5\frac{1}{2}x^2 + 16y^2$

133) $\left(4\frac{1}{2}u + 5\frac{1}{2}v\right)\left(-6v + 1\frac{1}{2}u\right)$

$-18\frac{3}{4}uv + 6\frac{3}{4}u^2 - 33v^2$

134) $\left(1\frac{5}{6}x + 1\frac{1}{7}y\right)\left(5\frac{9}{11}x - 1\frac{5}{11}y\right)$

$10\frac{2}{3}x^2 + 3\frac{227}{231}xy - 1\frac{51}{77}y^2$

135) $\left(5\frac{4}{9}x + 5\frac{3}{5}y\right)\left(\frac{1}{2}x - \frac{1}{2}y\right)$

$2\frac{13}{18}x^2 + \frac{7}{90}xy - 2\frac{4}{5}y^2$

136) $\left(2\frac{1}{4}x + 1\frac{5}{8}y\right)\left(1\frac{3}{5}x + 1\frac{3}{4}y\right)$

$3\frac{3}{5}x^2 + 6\frac{43}{80}xy + 2\frac{27}{32}y^2$

137) $\left(y + 4\frac{1}{12}x\right)\left(1\frac{1}{3}x + 4\frac{3}{4}y\right)$

$20\frac{35}{48}yx + 4\frac{3}{4}y^2 + 5\frac{4}{9}x^2$

138) $\left(1\frac{1}{2}a + 1\frac{11}{12}b\right)\left(\frac{9}{11}a - 1\frac{1}{6}b\right)$

$1\frac{5}{22}a^2 - \frac{2}{11}ab - 2\frac{17}{72}b^2$

139) $\left(1\dfrac{5}{6}u+\dfrac{1}{3}v\right)\left(1\dfrac{2}{7}u-\dfrac{2}{3}v\right)$

$2\dfrac{5}{14}u^2-\dfrac{50}{63}uv-\dfrac{2}{9}v^2$

140) $\left(2x+\dfrac{1}{7}y\right)\left(\dfrac{1}{2}x+3\dfrac{5}{6}y\right)$

$x^2+7\dfrac{31}{42}xy+\dfrac{23}{42}y^2$

141) $\left(1\dfrac{2}{3}m-\dfrac{2}{5}n\right)\left(11m+4\dfrac{1}{2}n\right)$

$18\dfrac{1}{3}m^2+3\dfrac{1}{10}mn-1\dfrac{4}{5}n^2$

142) $\left(\dfrac{5}{11}a+2\dfrac{1}{8}b\right)\left(5\dfrac{2}{11}a+6\dfrac{1}{6}b\right)$

$2\dfrac{43}{121}a^2+13\dfrac{215}{264}ab+13\dfrac{5}{48}b^2$

143) $\left(-2y+\dfrac{7}{11}x\right)\left(-2y+1\dfrac{2}{3}x\right)$

$4y^2-4\dfrac{20}{33}yx+1\dfrac{2}{33}x^2$

144) $\left(3\dfrac{1}{6}m-1\dfrac{5}{12}n\right)\left(1\dfrac{4}{5}m+1\dfrac{1}{4}n\right)$

$5\dfrac{7}{10}m^2+1\dfrac{49}{120}mn-1\dfrac{37}{48}n^2$

145) $\left(x-1\dfrac{1}{2}y\right)\left(y+\dfrac{1}{4}x\right)$

$\dfrac{5}{8}xy+\dfrac{1}{4}x^2-1\dfrac{1}{2}y^2$

146) $\left(1\dfrac{5}{6}x-1\dfrac{9}{10}y\right)\left(1\dfrac{1}{4}x-2\dfrac{2}{3}y\right)$

$2\dfrac{7}{24}x^2-7\dfrac{19}{72}xy+5\dfrac{1}{15}y^2$

147) $\left(2y+4\dfrac{1}{10}x\right)\left(4\dfrac{1}{3}x-\dfrac{2}{3}y\right)$

$5\dfrac{14}{15}yx-1\dfrac{1}{3}y^2+17\dfrac{23}{30}x^2$

148) $\left(1\dfrac{5}{6}x-\dfrac{2}{3}y\right)\left(4\dfrac{11}{12}x+1\dfrac{1}{10}y\right)$

$9\dfrac{1}{72}x^2-1\dfrac{47}{180}xy-\dfrac{11}{15}y^2$

149) $\left(4\dfrac{8}{9}u-1\dfrac{3}{5}v\right)\left(5\dfrac{4}{11}u-\dfrac{1}{6}v\right)$

$26\dfrac{2}{9}u^2-9\dfrac{589}{1485}uv+\dfrac{4}{15}v^2$

150) $\left(\dfrac{3}{5}x+\dfrac{4}{5}y\right)\left(1\dfrac{1}{3}x+4\dfrac{1}{2}y\right)$

$\dfrac{4}{5}x^2+3\dfrac{23}{30}xy+3\dfrac{3}{5}y^2$

151) $\left(2\dfrac{5}{12}u-3\dfrac{5}{7}v\right)\left(\dfrac{5}{7}u+5\dfrac{5}{9}v\right)$

$1\dfrac{61}{84}u^2+10\dfrac{2045}{2646}uv-20\dfrac{40}{63}v^2$

152) $\left(5\dfrac{5}{11}x-1\dfrac{5}{8}y\right)\left(\dfrac{8}{9}x+6\dfrac{4}{11}y\right)$

$4\dfrac{28}{33}x^2+33\dfrac{290}{1089}xy-10\dfrac{15}{44}y^2$

153) $\left(2x+3\dfrac{1}{3}y\right)\left(\dfrac{4}{9}x-3\dfrac{1}{3}y\right)$

$\dfrac{8}{9}x^2-5\dfrac{5}{27}xy-11\dfrac{1}{9}y^2$

154) $\left(\dfrac{1}{4}a-\dfrac{4}{7}b\right)\left(b+5\dfrac{6}{11}a\right)$

$-2\dfrac{283}{308}ab+1\dfrac{17}{44}a^2-\dfrac{4}{7}b^2$

155) $\left(\dfrac{2}{3}a+\dfrac{9}{10}b\right)\left(6\dfrac{11}{12}a-1\dfrac{2}{3}b\right)$

$4\dfrac{11}{18}a^2+5\dfrac{41}{360}ab-1\dfrac{1}{2}b^2$

156) $\left(6\dfrac{2}{3}x-\dfrac{7}{9}y\right)\left(1\dfrac{1}{9}x+6\dfrac{5}{8}y\right)$

$7\dfrac{11}{27}x^2+43\dfrac{49}{162}xy-5\dfrac{11}{72}y^2$

157) $\left(9y+1\dfrac{5}{6}x\right)\left(y+4\dfrac{7}{8}x\right)$

$9y^2+45\dfrac{17}{24}yx+8\dfrac{15}{16}x^2$

158) $\left(\dfrac{1}{10}m-\dfrac{3}{7}n\right)\left(4\dfrac{5}{12}m+\dfrac{1}{9}n\right)$

$\dfrac{53}{120}m^2-1\dfrac{1111}{1260}mn-\dfrac{1}{21}n^2$

159) $\left(1\dfrac{5}{9}x + 1\dfrac{1}{2}y\right)\left(1\dfrac{3}{4}x - 1\dfrac{2}{3}y\right)$

$2\dfrac{13}{18}x^2 + \dfrac{7}{216}xy - 2\dfrac{1}{2}y^2$

160) $\left(6m + \dfrac{4}{11}n\right)\left(2\dfrac{2}{5}m + 4\dfrac{11}{12}n\right)$

$14\dfrac{2}{5}m^2 + 30\dfrac{41}{110}mn + 1\dfrac{26}{33}n^2$

161) $\left(11\dfrac{3}{5}x + 1\dfrac{2}{3}y\right)\left(x + 6\dfrac{2}{7}y\right)$

$11\dfrac{3}{5}x^2 + 74\dfrac{61}{105}xy + 10\dfrac{10}{21}y^2$

162) $\left(-10y + \dfrac{1}{2}x\right)\left(2\dfrac{1}{12}x + 4\dfrac{7}{8}y\right)$

$-18\dfrac{19}{48}yx - 48\dfrac{3}{4}y^2 + 1\dfrac{1}{24}x^2$

163) $\left(u + 4\dfrac{4}{11}v\right)\left(1\dfrac{3}{4}u + 3\dfrac{5}{12}v\right)$

$1\dfrac{3}{4}u^2 + 11\dfrac{7}{132}uv + 14\dfrac{10}{11}v^2$

164) $\left(6\dfrac{3}{4}u + 2\dfrac{2}{5}v\right)\left(2u + 2\dfrac{5}{7}v\right)$

$13\dfrac{1}{2}u^2 + 23\dfrac{17}{140}uv + 6\dfrac{18}{35}v^2$

165) $\left(\dfrac{3}{4}x + \dfrac{3}{7}y\right)\left(11y + 1\dfrac{11}{12}x\right)$

$9\dfrac{1}{14}xy + 1\dfrac{7}{16}x^2 + 4\dfrac{5}{7}y^2$

166) $\left(2\dfrac{7}{11}a + 4\dfrac{1}{7}b\right)\left(2a + 1\dfrac{1}{2}b\right)$

$5\dfrac{3}{11}a^2 + 12\dfrac{37}{154}ab + 6\dfrac{3}{14}b^2$

167) $\left(2y + \dfrac{2}{3}x\right)\left(y + \dfrac{1}{2}x\right)$

$2y^2 + 1\dfrac{2}{3}yx + \dfrac{1}{3}x^2$

168) $\left(1\dfrac{5}{8}u - 1\dfrac{6}{7}v\right)\left(1\dfrac{1}{4}u + 4\dfrac{1}{3}v\right)$

$2\dfrac{1}{32}u^2 + 4\dfrac{121}{168}uv - 8\dfrac{1}{21}v^2$

169) $\left(10a + 1\dfrac{5}{6}b\right)\left(1\dfrac{2}{5}a - 1\dfrac{2}{7}b\right)$

$14a^2 - 10\dfrac{61}{210}ab - 2\dfrac{5}{14}b^2$

170) $\left(\dfrac{4}{7}x - \dfrac{1}{4}y\right)\left(1\dfrac{1}{12}x + 1\dfrac{2}{11}y\right)$

$\dfrac{13}{21}x^2 + \dfrac{1495}{3696}xy - \dfrac{13}{44}y^2$

171) $\left(\dfrac{1}{2}m + 3\dfrac{3}{8}n\right)\left(2m + \dfrac{7}{11}n\right)$

$m^2 + 7\dfrac{3}{44}mn + 2\dfrac{13}{88}n^2$

172) $\left(5\dfrac{1}{9}x + 4\dfrac{1}{10}y\right)\left(2y + 1\dfrac{7}{10}x\right)$

$17\dfrac{173}{900}xy + 8\dfrac{31}{45}x^2 + 8\dfrac{1}{5}y^2$

173) $\left(1\dfrac{1}{8}m - 1\dfrac{1}{6}n\right)\left(2\dfrac{2}{5}m - \dfrac{1}{4}n\right)$

$2\dfrac{7}{10}m^2 - 3\dfrac{13}{160}mn + \dfrac{7}{24}n^2$

174) $\left(4\dfrac{1}{2}x + \dfrac{7}{11}y\right)\left(3\dfrac{7}{11}x - 2\dfrac{1}{2}y\right)$

$16\dfrac{4}{11}x^2 - 8\dfrac{453}{484}xy - 1\dfrac{13}{22}y^2$

175) $\left(\dfrac{3}{5}x + 1\dfrac{1}{5}y\right)\left(\dfrac{6}{7}x - \dfrac{3}{5}y\right)$

$\dfrac{18}{35}x^2 + \dfrac{117}{175}xy - \dfrac{18}{25}y^2$

176) $\left(\dfrac{1}{2}u - 1\dfrac{1}{3}v\right)\left(-4v + 1\dfrac{1}{4}u\right)$

$-3\dfrac{2}{3}uv + \dfrac{5}{8}u^2 + 5\dfrac{1}{3}v^2$

177) $\left(2\dfrac{1}{12}x + 1\dfrac{1}{7}y\right)\left(2y + 1\dfrac{4}{9}x\right)$

$5\dfrac{103}{126}xy + 3\dfrac{1}{108}x^2 + 2\dfrac{2}{7}y^2$

178) $\left(4\dfrac{3}{4}x + 6\dfrac{1}{4}y\right)\left(\dfrac{2}{3}x + 5\dfrac{5}{12}y\right)$

$3\dfrac{1}{6}x^2 + 29\dfrac{43}{48}xy + 33\dfrac{41}{48}y^2$

179) $\left(\dfrac{5}{11}u + \dfrac{1}{10}v\right)\left(1\dfrac{7}{8}u + 5\dfrac{1}{3}v\right)$

$\dfrac{75}{88}u^2 + 2\dfrac{323}{528}uv + \dfrac{8}{15}v^2$

180) $\left(5\dfrac{1}{6}a - 3\dfrac{2}{7}b\right)\left(7a - \dfrac{3}{5}b\right)$

$36\dfrac{1}{6}a^2 - 26\dfrac{1}{10}ab + 1\dfrac{34}{35}b^2$

181) $\left(5\dfrac{2}{7}x + 1\dfrac{1}{3}y\right)\left(3\dfrac{3}{11}x + 4\dfrac{1}{4}y\right)$

$17\dfrac{23}{77}x^2 + 26\dfrac{255}{308}xy + 5\dfrac{2}{3}y^2$

182) $\left(\dfrac{9}{10}x + 6\dfrac{2}{7}y\right)\left(1\dfrac{5}{6}x - 1\dfrac{4}{5}y\right)$

$1\dfrac{13}{20}x^2 + 9\dfrac{949}{1050}xy - 11\dfrac{11}{35}y^2$

183) $\left(7u + 1\dfrac{1}{4}v\right)\left(5\dfrac{1}{12}u + \dfrac{2}{3}v\right)$

$35\dfrac{7}{12}u^2 + 11\dfrac{1}{48}uv + \dfrac{5}{6}v^2$

184) $\left(\dfrac{1}{5}x + \dfrac{4}{11}y\right)\left(x + 1\dfrac{3}{5}y\right)$

$\dfrac{1}{5}x^2 + \dfrac{188}{275}xy + \dfrac{32}{55}y^2$

185) $\left(\dfrac{2}{3}x + \dfrac{1}{3}y\right)\left(1\dfrac{1}{11}x + 1\dfrac{1}{2}y\right)$

$\dfrac{8}{11}x^2 + 1\dfrac{4}{11}xy + \dfrac{1}{2}y^2$

186) $\left(\dfrac{5}{9}a - \dfrac{4}{9}b\right)\left(4\dfrac{2}{3}a + 5\dfrac{5}{8}b\right)$

$2\dfrac{16}{27}a^2 + 1\dfrac{11}{216}ab - 2\dfrac{1}{2}b^2$

187) $\left(m + 1\dfrac{3}{5}n\right)\left(m + \dfrac{1}{5}n\right)$

$m^2 + 1\dfrac{4}{5}mn + \dfrac{8}{25}n^2$

188) $\left(\dfrac{2}{11}x + 1\dfrac{1}{2}y\right)\left(3\dfrac{5}{6}x + \dfrac{4}{11}y\right)$

$\dfrac{23}{33}x^2 + 5\dfrac{395}{484}xy + \dfrac{6}{11}y^2$

189) $\left(1\dfrac{3}{4}m + 1\dfrac{7}{8}n\right)\left(5\dfrac{2}{3}m - 3\dfrac{2}{5}n\right)$

$9\dfrac{11}{12}m^2 + 4\dfrac{27}{40}mn - 6\dfrac{3}{8}n^2$

190) $\left(5\dfrac{5}{9}x - 3\dfrac{2}{11}y\right)\left(\dfrac{2}{5}x + 1\dfrac{1}{8}y\right)$

$2\dfrac{2}{9}x^2 + 4\dfrac{43}{44}xy - 3\dfrac{51}{88}y^2$

191) $\left(6x + \dfrac{3}{7}y\right)\left(1\dfrac{1}{4}x + 5\dfrac{5}{9}y\right)$

$7\dfrac{1}{2}x^2 + 33\dfrac{73}{84}xy + 2\dfrac{8}{21}y^2$

192) $\left(6\dfrac{7}{10}x - 1\dfrac{1}{5}y\right)\left(12x - 3\dfrac{3}{10}y\right)$

$80\dfrac{2}{5}x^2 - 36\dfrac{51}{100}xy + 3\dfrac{24}{25}y^2$

193) $\left(2\dfrac{1}{4}u - \dfrac{1}{2}v\right)\left(11\dfrac{1}{12}u + 3\dfrac{3}{10}v\right)$

$24\dfrac{15}{16}u^2 + 1\dfrac{53}{60}uv - 1\dfrac{13}{20}v^2$

194) $\left(1\dfrac{1}{3}x - 1\dfrac{5}{6}y\right)\left(3y + 1\dfrac{8}{9}x\right)$

$\dfrac{29}{54}xy + 2\dfrac{14}{27}x^2 - 5\dfrac{1}{2}y^2$

195) $\left(1\dfrac{5}{7}u + 1\dfrac{11}{12}v\right)\left(6\dfrac{3}{7}u + \dfrac{1}{8}v\right)$

$11\dfrac{1}{49}u^2 + 12\dfrac{15}{28}uv + \dfrac{23}{96}v^2$

196) $\left(6\dfrac{1}{10}u - 1\dfrac{6}{7}v\right)\left(6\dfrac{5}{12}u + 1\dfrac{1}{2}v\right)$

$39\dfrac{17}{120}u^2 - 2\dfrac{23}{30}uv - 2\dfrac{11}{14}v^2$

197) $\left(-5b + 1\dfrac{1}{2}a\right)\left(4\dfrac{2}{3}a + 1\dfrac{5}{7}b\right)$

$-20\dfrac{16}{21}ba - 8\dfrac{4}{7}b^2 + 7a^2$

198) $\left(-2y + 1\dfrac{4}{9}x\right)\left(5\dfrac{1}{3}x - 1\dfrac{1}{8}y\right)$

$-12\dfrac{7}{24}yx + 2\dfrac{1}{4}y^2 + 7\dfrac{19}{27}x^2$

199) $\left(2b + 6\frac{5}{6}a\right)\left(4\frac{4}{9}a + \frac{4}{9}b\right)$

$11\frac{25}{27}ba + \frac{8}{9}b^2 + 30\frac{10}{27}a^2$

200) $\left(1\frac{1}{3}x - \frac{2}{7}y\right)\left(\frac{1}{3}x + 1\frac{5}{12}y\right)$

$\frac{4}{9}x^2 + 1\frac{50}{63}xy - \frac{17}{42}y^2$

201) $\left(\frac{3}{8}x + 10\frac{5}{14}y\right)\left(15x + 8\frac{2}{3}y\right)$

$5\frac{5}{8}x^2 + 158\frac{17}{28}xy + 89\frac{16}{21}y^2$

202) $\left(\frac{9}{11}x - 1\frac{3}{16}y\right)\left(-12y + \frac{5}{6}x\right)$

$-10\frac{853}{1056}xy + \frac{15}{22}x^2 + 14\frac{1}{4}y^2$

203) $\left(2m - 3\frac{13}{16}n\right)\left(2\frac{6}{17}m + 3\frac{6}{13}n\right)$

$4\frac{12}{17}m^2 - 2\frac{21}{442}mn - 13\frac{41}{208}n^2$

204) $\left(1\frac{9}{14}x - \frac{19}{20}y\right)\left(-7y + \frac{1}{17}x\right)$

$-11\frac{189}{340}xy + \frac{23}{238}x^2 + 6\frac{13}{20}y^2$

205) $\left(\frac{7}{10}m - 2\frac{3}{11}n\right)\left(\frac{3}{4}m - 1\frac{1}{3}n\right)$

$\frac{21}{40}m^2 - 2\frac{421}{660}mn + 3\frac{1}{33}n^2$

206) $\left(10\frac{16}{17}x + 5\frac{1}{6}y\right)\left(\frac{11}{12}x + 1\frac{2}{3}y\right)$

$10\frac{1}{34}x^2 + 22\frac{1189}{1224}xy + 8\frac{11}{18}y^2$

207) $\left(9\frac{5}{12}u + 8\frac{2}{3}v\right)\left(-2v + 1\frac{5}{12}u\right)$

$-6\frac{5}{9}uv + 13\frac{49}{144}u^2 - 17\frac{1}{3}v^2$

208) $\left(2x + 8\frac{8}{17}y\right)\left(9\frac{5}{7}x + 7\frac{1}{9}y\right)$

$19\frac{3}{7}x^2 + 96\frac{32}{63}xy + 60\frac{4}{17}y^2$

209) $\left(10\frac{7}{16}x + 9\frac{5}{19}y\right)\left(\frac{5}{8}x - \frac{11}{12}y\right)$

$6\frac{67}{128}x^2 - 3\frac{2839}{3648}xy - 8\frac{28}{57}y^2$

210) $\left(1\frac{13}{18}u + 1\frac{3}{16}v\right)\left(-2v + 1\frac{5}{16}u\right)$

$-1\frac{2041}{2304}uv + 2\frac{25}{96}u^2 - 2\frac{3}{8}v^2$

211) $\left(1\frac{11}{13}u + 3\frac{5}{14}v\right)\left(1\frac{1}{2}u - 1\frac{4}{5}v\right)$

$2\frac{10}{13}u^2 + 1\frac{1297}{1820}uv - 6\frac{3}{70}v^2$

212) $\left(6\frac{15}{17}x + 2\frac{3}{13}y\right)\left(1\frac{15}{16}x + 1\frac{2}{3}y\right)$

$13\frac{91}{272}x^2 + 15\frac{2803}{3536}xy + 3\frac{28}{39}y^2$

213) $\left(1\frac{1}{20}a - 1\frac{9}{11}b\right)\left(19\frac{1}{2}a + 3\frac{1}{18}b\right)$

$20\frac{19}{40}a^2 - 32\frac{65}{264}ab - 5\frac{5}{9}b^2$

214) $\left(7\frac{2}{3}x + 1\frac{7}{16}y\right)\left(6y + 12\frac{7}{10}x\right)$

$64\frac{41}{160}xy + 97\frac{11}{30}x^2 + 8\frac{5}{8}y^2$

215) $\left(2\frac{3}{14}a + 9\frac{1}{4}b\right)\left(\frac{3}{8}a - \frac{2}{3}b\right)$

$\frac{93}{112}a^2 + 1\frac{667}{672}ab - 6\frac{1}{6}b^2$

216) $\left(2y + 1\frac{2}{5}x\right)\left(\frac{1}{20}x + 9\frac{1}{7}y\right)$

$12\frac{9}{10}yx + 18\frac{2}{7}y^2 + \frac{7}{100}x^2$

217) $\left(1\frac{2}{3}x + 7\frac{4}{17}y\right)\left(\frac{1}{3}x - \frac{2}{11}y\right)$

$\frac{5}{9}x^2 + 2\frac{61}{561}xy - 1\frac{59}{187}y^2$

218) $\left(3\frac{1}{2}m + 1\frac{4}{5}n\right)\left(18m + 6\frac{4}{9}n\right)$

$63m^2 + 54\frac{43}{45}mn + 11\frac{3}{5}n^2$

219) $\left(2x - 2\frac{6}{13}y\right)\left(7\frac{1}{2}x - 1\frac{11}{15}y\right)$

$15x^2 - 21\frac{181}{195}xy + 4\frac{4}{15}y^2$

220) $\left(9n + 4\frac{4}{9}m\right)\left(1\frac{3}{4}m - 1\frac{1}{3}n\right)$

$9\frac{89}{108}nm - 12n^2 + 7\frac{7}{9}m^2$

221) $\left(1\frac{1}{6}x + 7\frac{3}{14}y\right)\left(2y + \frac{11}{13}x\right)$

$8\frac{239}{546}xy + \frac{77}{78}x^2 + 14\frac{3}{7}y^2$

222) $\left(\frac{3}{10}x - \frac{4}{5}y\right)\left(9x + \frac{1}{9}y\right)$

$2\frac{7}{10}x^2 - 7\frac{1}{6}xy - \frac{4}{45}y^2$

223) $\left(2\frac{6}{19}u - 1\frac{5}{6}v\right)\left(1\frac{1}{19}u - 1\frac{1}{2}v\right)$

$2\frac{158}{361}u^2 - 5\frac{23}{57}uv + 2\frac{3}{4}v^2$

224) $\left(1\frac{5}{7}u + 9\frac{2}{3}v\right)\left(-2v + 2\frac{15}{19}u\right)$

$23\frac{214}{399}uv + 4\frac{104}{133}u^2 - 19\frac{1}{3}v^2$

225) $\left(x - \frac{1}{2}y\right)\left(1\frac{10}{17}x + \frac{15}{17}y\right)$

$1\frac{10}{17}x^2 + \frac{3}{34}xy - \frac{15}{34}y^2$

226) $\left(1\frac{1}{2}a - 1\frac{14}{19}b\right)\left(\frac{10}{13}a + 1\frac{7}{15}b\right)$

$1\frac{2}{13}a^2 + \frac{1067}{1235}ab - 2\frac{52}{95}b^2$

227) $\left(\frac{1}{2}a - 2\frac{15}{16}b\right)\left(3\frac{3}{5}a + \frac{1}{15}b\right)$

$1\frac{4}{5}a^2 - 10\frac{13}{24}ab - \frac{47}{240}b^2$

228) $\left(\frac{5}{11}x + 7\frac{6}{19}y\right)\left(6\frac{1}{6}x - 2\frac{11}{20}y\right)$

$2\frac{53}{66}x^2 + 43\frac{2395}{2508}xy - 18\frac{249}{380}y^2$

229) $\left(5\frac{5}{6}x + 10\frac{1}{4}y\right)\left(15\frac{16}{19}x + \frac{11}{12}y\right)$

$92\frac{47}{114}x^2 + 167\frac{997}{1368}xy + 9\frac{19}{48}y^2$

230) $\left(6\frac{1}{3}a + 6\frac{4}{5}b\right)\left(1\frac{11}{12}a + 1\frac{7}{9}b\right)$

$12\frac{5}{36}a^2 + 24\frac{79}{270}ab + 12\frac{4}{45}b^2$

231) $\left(3\frac{1}{12}x - 2\frac{4}{9}y\right)\left(\frac{7}{12}x + 1\frac{4}{7}y\right)$

$1\frac{115}{144}x^2 + 3\frac{317}{756}xy - 3\frac{53}{63}y^2$

232) $\left(1\frac{1}{3}m + 2\frac{11}{20}n\right)\left(1\frac{13}{18}m + 8\frac{1}{4}n\right)$

$2\frac{8}{27}m^2 + 15\frac{47}{120}mn + 21\frac{3}{80}n^2$

233) $\left(-17n + 8\frac{11}{16}m\right)\left(\frac{1}{3}m + 1\frac{2}{3}n\right)$

$8\frac{13}{16}nm - 28\frac{1}{3}n^2 + 2\frac{43}{48}m^2$

234) $\left(1\frac{3}{11}x - 1\frac{1}{6}y\right)\left(7\frac{7}{8}x - 1\frac{1}{2}y\right)$

$10\frac{1}{44}x^2 - 11\frac{17}{176}xy + 1\frac{3}{4}y^2$

235) $\left(16y + 1\frac{5}{7}x\right)\left(1\frac{5}{9}x + 9\frac{1}{2}y\right)$

$41\frac{11}{63}yx + 152y^2 + 2\frac{2}{3}x^2$

236) $\left(\frac{3}{7}x + \frac{4}{7}y\right)\left(\frac{1}{2}x + 6\frac{6}{19}y\right)$

$\frac{3}{14}x^2 + 2\frac{132}{133}xy + 3\frac{81}{133}y^2$

237) $\left(6\frac{5}{8}u + 8\frac{5}{9}v\right)\left(8\frac{5}{9}u + \frac{9}{11}v\right)$

$56\frac{49}{72}u^2 + 78\frac{4405}{7128}uv + 7v^2$

238) $\left(3\frac{7}{15}u + 1\frac{3}{4}v\right)\left(1\frac{1}{4}u + 8\frac{1}{10}v\right)$

$4\frac{1}{3}u^2 + 30\frac{107}{400}uv + 14\frac{7}{40}v^2$

239) $\left(1\frac{11}{18}x + 3\frac{1}{3}y\right)\left(1\frac{5}{13}x + 1\frac{8}{11}y\right)$

$2\frac{3}{13}x^2 + 7\frac{1025}{2574}xy + 5\frac{25}{33}y^2$

240) $\left(\frac{5}{6}x + \frac{8}{13}y\right)\left(x + \frac{7}{15}y\right)$

$\frac{5}{6}x^2 + 1\frac{1}{234}xy + \frac{56}{195}y^2$

241) $\left(5\frac{5}{9}a + 4\frac{1}{3}b\right)\left(16b + \frac{1}{6}a\right)$

$89\frac{11}{18}ab + \frac{25}{27}a^2 + 69\frac{1}{3}b^2$

242) $\left(2y + 4\frac{6}{19}x\right)\left(3\frac{11}{16}x - 1\frac{8}{9}y\right)$

$-\frac{1063}{1368}yx - 3\frac{7}{9}y^2 + 15\frac{139}{152}x^2$

243) $\left(1\frac{8}{11}a + 1\frac{1}{6}b\right)\left(a - 3\frac{1}{4}b\right)$

$1\frac{8}{11}a^2 - 4\frac{59}{132}ab - 3\frac{19}{24}b^2$

244) $\left(3\frac{5}{13}x + 2\frac{12}{19}y\right)\left(-2y + \frac{1}{4}x\right)$

$-6\frac{55}{494}xy + \frac{11}{13}x^2 - 5\frac{5}{19}y^2$

245) $\left(y + 1\frac{1}{20}x\right)\left(1\frac{1}{2}x - \frac{4}{7}y\right)$

$\frac{9}{10}yx - \frac{4}{7}y^2 + 1\frac{23}{40}x^2$

246) $\left(\frac{1}{8}a + 6\frac{1}{9}b\right)\left(16a + 3\frac{2}{19}b\right)$

$2a^2 + 98\frac{227}{1368}ab + 18\frac{167}{171}b^2$

247) $\left(\frac{6}{17}m + 2\frac{3}{4}n\right)\left(1\frac{3}{5}m + 1\frac{1}{3}n\right)$

$\frac{48}{85}m^2 + 4\frac{74}{85}mn + 3\frac{2}{3}n^2$

248) $\left(1\frac{8}{15}x + 2\frac{1}{2}y\right)\left(8\frac{13}{14}x - 1\frac{13}{15}y\right)$

$13\frac{29}{42}x^2 + 19\frac{2893}{6300}xy - 4\frac{2}{3}y^2$

249) $\left(2x + 6\frac{2}{19}y\right)\left(\frac{1}{2}x - 20\frac{2}{3}y\right)$

$x^2 - 38\frac{16}{57}xy - 126\frac{10}{57}y^2$

250) $\left(1\frac{5}{19}x - 1\frac{10}{11}y\right)\left(2\frac{3}{8}x + 2\frac{1}{12}y\right)$

$3x^2 - 1\frac{1509}{1672}xy - 3\frac{43}{44}y^2$

251) $\left(1\frac{2}{5}m - \frac{2}{7}n\right)\left(1\frac{1}{6}m + 10\frac{11}{12}n\right)$

$1\frac{19}{30}m^2 + 14\frac{19}{20}mn - 3\frac{5}{42}n^2$

252) $\left(10\frac{1}{4}u - 3\frac{1}{9}v\right)\left(1\frac{1}{2}u + 9\frac{3}{8}v\right)$

$15\frac{3}{8}u^2 + 91\frac{41}{96}uv - 29\frac{1}{6}v^2$

253) $\left(10\frac{5}{6}x + 10\frac{9}{20}y\right)\left(3\frac{3}{16}x + 10\frac{1}{2}y\right)$

$34\frac{17}{32}x^2 + 147\frac{19}{320}xy + 109\frac{29}{40}y^2$

254) $\left(13u + 13\frac{5}{7}v\right)\left(4\frac{1}{12}u + 7\frac{7}{8}v\right)$

$53\frac{1}{12}u^2 + 158\frac{3}{8}uv + 108v^2$

255) $\left(\frac{9}{20}x + 1\frac{1}{3}y\right)\left(8\frac{1}{9}x + 5\frac{9}{10}y\right)$

$3\frac{13}{20}x^2 + 13\frac{2537}{5400}xy + 7\frac{13}{15}y^2$

256) $\left(2x + 7\frac{2}{3}y\right)\left(\frac{1}{13}x + 3\frac{1}{17}y\right)$

$\frac{2}{13}x^2 + 6\frac{469}{663}xy + 23\frac{23}{51}y^2$

257) $\left(1\frac{1}{2}x + 5\frac{13}{19}y\right)\left(2x + \frac{1}{14}y\right)$

$3x^2 + 11\frac{253}{532}xy + \frac{54}{133}y^2$

258) $\left(8\frac{1}{5}a - 19\frac{1}{14}b\right)\left(1\frac{3}{5}a - 1\frac{3}{4}b\right)$

$13\frac{3}{25}a^2 - 44\frac{121}{140}ab + 33\frac{3}{8}b^2$

259) $\left(4b + 1\frac{2}{9}a\right)\left(-4b + 9\frac{11}{14}a\right)$

$-16b^2 + 34\frac{16}{63}ba + 11\frac{121}{126}a^2$

260) $\left(7\frac{8}{9}x + 3\frac{17}{19}y\right)\left(3\frac{7}{19}x + 6\frac{15}{16}y\right)$

$26\frac{98}{171}x^2 + 67\frac{14699}{17328}xy + 27\frac{3}{152}y^2$

261) $\left(\frac{1}{2}m - \frac{2}{9}n\right)\left(1\frac{7}{13}m + 1\frac{1}{2}n\right)$

$\frac{10}{13}m^2 + \frac{191}{468}mn - \frac{1}{3}n^2$

262) $\left(9\frac{12}{17}a + 1\frac{3}{5}b\right)\left(a + 5\frac{3}{14}b\right)$

$9\frac{12}{17}a^2 + 52\frac{249}{1190}ab + 8\frac{12}{35}b^2$

263) $\left(3x + 9\frac{9}{13}y\right)\left(\frac{2}{3}x + 6\frac{5}{14}y\right)$

$2x^2 + 25\frac{97}{182}xy + 61\frac{8}{13}y^2$

264) $\left(5\frac{9}{10}x + \frac{2}{3}y\right)\left(10\frac{19}{20}x + 1\frac{11}{14}y\right)$

$64\frac{121}{200}x^2 + 17\frac{117}{140}xy + 1\frac{4}{21}y^2$

265) $\left(\frac{4}{5}m + 2\frac{5}{6}n\right)\left(4\frac{5}{6}m + 7\frac{11}{16}n\right)$

$3\frac{13}{15}m^2 + 19\frac{38}{45}mn + 21\frac{25}{32}n^2$

266) $\left(4\frac{3}{7}x - \frac{5}{7}y\right)\left(1\frac{14}{17}x + \frac{5}{9}y\right)$

$8\frac{9}{119}x^2 + 1\frac{169}{1071}xy - \frac{25}{63}y^2$

267) $\left(\frac{2}{5}u + 1\frac{1}{2}v\right)\left(u + \frac{6}{7}v\right)$

$\frac{2}{5}u^2 + 1\frac{59}{70}uv + 1\frac{2}{7}v^2$

268) $\left(3\frac{3}{14}x + 2\frac{3}{4}y\right)\left(\frac{6}{11}x + 1\frac{10}{13}y\right)$

$1\frac{58}{77}x^2 + 7\frac{17}{91}xy + 4\frac{45}{52}y^2$

269) $\left(4\frac{1}{6}a + 4\frac{1}{2}b\right)\left(9a + \frac{3}{11}b\right)$

$37\frac{1}{2}a^2 + 41\frac{7}{11}ab + 1\frac{5}{22}b^2$

270) $\left(3\frac{3}{11}u + \frac{5}{6}v\right)\left(4\frac{3}{4}u + 1\frac{4}{5}v\right)$

$15\frac{6}{11}u^2 + 9\frac{1121}{1320}uv + 1\frac{1}{2}v^2$

271) $\left(\frac{3}{5}x - \frac{14}{15}y\right)\left(1\frac{3}{10}x - 1\frac{9}{11}y\right)$

$\frac{39}{50}x^2 - 2\frac{251}{825}xy + 1\frac{23}{33}y^2$

272) $\left(3\frac{7}{12}a + \frac{1}{3}b\right)\left(9\frac{1}{3}a + 9\frac{4}{11}b\right)$

$33\frac{4}{9}a^2 + 36\frac{263}{396}ab + 3\frac{4}{33}b^2$

273) $\left(\frac{4}{9}x + 2\frac{14}{17}y\right)\left(-10y + 1\frac{9}{20}x\right)$

$-\frac{268}{765}xy + \frac{29}{45}x^2 - 28\frac{4}{17}y^2$

274) $\left(\frac{9}{16}x - 1\frac{2}{3}y\right)\left(9\frac{5}{6}x + 1\frac{9}{10}y\right)$

$5\frac{17}{32}x^2 - 15\frac{461}{1440}xy - 3\frac{1}{6}y^2$

275) $\left(\frac{5}{7}m + 1\frac{7}{20}n\right)\left(2\frac{7}{8}m + 7\frac{10}{19}n\right)$

$2\frac{3}{56}m^2 + 9\frac{5473}{21280}mn + 10\frac{61}{380}n^2$

276) $\left(\frac{3}{7}a + 1\frac{13}{14}b\right)\left(1\frac{5}{9}a + 1\frac{13}{20}b\right)$

$\frac{2}{3}a^2 + 3\frac{99}{140}ab + 3\frac{51}{280}b^2$

277) $\left(3\frac{14}{15}x + 1\frac{5}{12}y\right)\left(17\frac{4}{19}x - 1\frac{7}{19}y\right)$

$67\frac{66}{95}x^2 + 18\frac{1139}{1140}xy - 1\frac{107}{114}y^2$

278) $\left(4n + 1\frac{7}{8}m\right)\left(3\frac{1}{2}m + 3\frac{1}{2}n\right)$

$20\frac{9}{16}nm + 14n^2 + 6\frac{9}{16}m^2$

279) $\left(y + 1\frac{11}{15}x\right)\left(5\frac{5}{14}x + 14\frac{11}{12}y\right)$

$31\frac{67}{315}yx + 14\frac{11}{12}y^2 + 9\frac{2}{7}x^2$

280) $\left(10\frac{10}{11}x + 1\frac{4}{19}y\right)\left(2y + \frac{5}{8}x\right)$

$22\frac{961}{1672}xy + 6\frac{9}{11}x^2 + 2\frac{8}{19}y^2$

281) $\left(3\frac{5}{18}x - 1\frac{7}{15}y\right)\left(y + 1\frac{1}{2}x\right)$

$1\frac{7}{90}xy + 4\frac{11}{12}x^2 - 1\frac{7}{15}y^2$

282) $\left(1\frac{1}{4}u + \frac{9}{14}v\right)\left(\frac{3}{20}u + 7\frac{3}{4}v\right)$

$\frac{3}{16}u^2 + 9\frac{439}{560}uv + 4\frac{55}{56}v^2$

283) $\left(8\frac{1}{3}x - 1\frac{3}{14}y\right)\left(8\frac{5}{16}x + 3\frac{5}{18}y\right)$

$69\frac{13}{48}x^2 + 17\frac{191}{864}xy - 3\frac{247}{252}y^2$

284) $\left(16u - 2\frac{1}{9}v\right)\left(v + \frac{9}{17}u\right)$

$14\frac{15}{17}uv + 8\frac{8}{17}u^2 - 2\frac{1}{9}v^2$

285) $\left(6\frac{1}{4}x + 8\frac{6}{19}y\right)\left(1\frac{1}{6}x + 6\frac{8}{11}y\right)$

$7\frac{7}{24}x^2 + 51\frac{937}{1254}xy + 55\frac{197}{209}y^2$

286) $\left(5\frac{1}{20}a - 1\frac{7}{8}b\right)\left(a + 1\frac{3}{7}b\right)$

$5\frac{1}{20}a^2 + 5\frac{19}{56}ab - 2\frac{19}{28}b^2$

287) $\left(1\frac{11}{14}a + 7\frac{1}{2}b\right)\left(2a + 8\frac{5}{12}b\right)$

$3\frac{4}{7}a^2 + 30\frac{5}{168}ab + 63\frac{1}{8}b^2$

288) $\left(1\frac{1}{6}x + 6\frac{6}{17}y\right)\left(9\frac{11}{20}x + 1\frac{1}{4}y\right)$

$11\frac{17}{120}x^2 + 62\frac{263}{2040}xy + 7\frac{16}{17}y^2$

289) $\left(7\frac{11}{16}x + 1\frac{1}{4}y\right)\left(6\frac{16}{17}x - 1\frac{8}{17}y\right)$

$53\frac{49}{136}x^2 - 2\frac{171}{272}xy - 1\frac{57}{68}y^2$

290) $\left(1\frac{3}{5}x + \frac{2}{3}y\right)\left(1\frac{12}{17}x + 4\frac{15}{16}y\right)$

$2\frac{62}{85}x^2 + 9\frac{19}{510}xy + 3\frac{7}{24}y^2$

291) $\left(\frac{8}{15}m + 3\frac{3}{4}n\right)\left(1\frac{1}{4}m - 1\frac{1}{4}n\right)$

$\frac{2}{3}m^2 + 4\frac{1}{48}mn - 4\frac{11}{16}n^2$

292) $\left(\frac{15}{19}x + 3\frac{1}{12}y\right)\left(3\frac{4}{7}x + 1\frac{9}{20}y\right)$

$2\frac{109}{133}x^2 + 12\frac{125}{798}xy + 4\frac{113}{240}y^2$

293) $\left(6x - \frac{3}{5}y\right)\left(\frac{1}{5}x + \frac{1}{3}y\right)$

$1\frac{1}{5}x^2 + 1\frac{22}{25}xy - \frac{1}{5}y^2$

294) $\left(2\frac{1}{2}m - \frac{1}{4}n\right)\left(1\frac{9}{14}m + 2\frac{13}{18}n\right)$

$4\frac{3}{28}m^2 + 6\frac{199}{504}mn - \frac{49}{72}n^2$

295) $\left(1\frac{13}{16}m + 1\frac{2}{11}n\right)\left(8m + 1\frac{1}{14}n\right)$

$14\frac{1}{2}m^2 + 11\frac{977}{2464}mn + 1\frac{41}{154}n^2$

296) $\left(\frac{3}{4}x + 7\frac{1}{20}y\right)\left(1\frac{1}{4}x - 1\frac{4}{5}y\right)$

$\frac{15}{16}x^2 + 7\frac{37}{80}xy - 12\frac{69}{100}y^2$

297) $\left(1\frac{19}{20}u + 1\frac{7}{9}v\right)\left(9u + \frac{3}{11}v\right)$

$17\frac{11}{20}u^2 + 16\frac{117}{220}uv + \frac{16}{33}v^2$

298) $\left(-4y + \frac{2}{5}x\right)\left(\frac{11}{18}x + 1\frac{8}{17}y\right)$

$-1\frac{131}{153}yx - 5\frac{15}{17}y^2 + \frac{11}{45}x^2$

299) $\left(4\frac{7}{8}u + \frac{2}{9}v\right)\left(8\frac{7}{10}u - 1\frac{4}{7}v\right)$

$42\frac{33}{80}u^2 - 5\frac{611}{840}uv - \frac{22}{63}v^2$

300) $\left(\frac{1}{5}x - 1\frac{3}{7}y\right)\left(1\frac{2}{3}x + 5\frac{5}{14}y\right)$

$\frac{1}{3}x^2 - 1\frac{13}{42}xy - 7\frac{32}{49}y^2$

301) $\left(10\frac{5}{9}a + 19\frac{11}{15}b\right)\left(-44b + \frac{5}{21}a\right)$

$-459\frac{47}{63}ab + 2\frac{97}{189}a^2 - 868\frac{4}{15}b^2$

302) $\left(\frac{34}{41}x + \frac{23}{38}y\right)\left(1\frac{3}{16}x - 1\frac{16}{37}y\right)$

$\frac{323}{328}x^2 - \frac{22773}{48544}xy - \frac{1219}{1406}y^2$

303) $\left(\frac{11}{26}x - \frac{11}{42}y\right)\left(1\frac{29}{30}x + 24\frac{11}{26}y\right)$

$\frac{649}{780}x^2 + 9\frac{87067}{106470}xy - 6\frac{433}{1092}y^2$

304) $\left(\frac{31}{36}a - \frac{1}{2}b\right)\left(12\frac{44}{45}a + 1\frac{1}{11}b\right)$

$11\frac{71}{405}a^2 - 5\frac{272}{495}ab - \frac{6}{11}b^2$

305) $\left(1\frac{11}{12}x + 25\frac{3}{5}y\right)\left(\frac{11}{28}x + \frac{2}{19}y\right)$

$\frac{253}{336}x^2 + 10\frac{1033}{3990}xy + 2\frac{66}{95}y^2$

306) $\left(-2n + \frac{21}{22}m\right)\left(8\frac{22}{25}m + 9\frac{3}{17}n\right)$

$-9\frac{3}{4675}nm - 18\frac{6}{17}n^2 + 8\frac{131}{275}m^2$

307) $\left(6\frac{1}{16}m - 6\frac{1}{8}n\right)\left(3\frac{4}{15}m + \frac{1}{4}n\right)$

$19\frac{193}{240}m^2 - 18\frac{473}{960}mn - 1\frac{17}{32}n^2$

308) $\left(1\frac{10}{33}x + 19\frac{23}{31}y\right)\left(20\frac{3}{10}x + 1\frac{1}{3}y\right)$

$26\frac{149}{330}x^2 + 402\frac{7652}{15345}xy + 26\frac{10}{31}y^2$

309) $\left(24\frac{5}{6}x - \frac{3}{4}y\right)\left(\frac{7}{12}x + 4\frac{1}{38}y\right)$

$14\frac{35}{72}x^2 + 99\frac{167}{304}xy - 3\frac{3}{152}y^2$

310) $\left(2m + 2\frac{1}{44}n\right)\left(17\frac{29}{45}m - \frac{1}{5}n\right)$

$35\frac{13}{45}m^2 + 35\frac{287}{990}mn - \frac{89}{220}n^2$

311) $\left(1\frac{12}{23}x - \frac{9}{20}y\right)\left(\frac{7}{44}x + 1\frac{1}{2}y\right)$

$\frac{245}{1012}x^2 + 2\frac{4271}{20240}xy - \frac{27}{40}y^2$

312) $\left(2v + 20\frac{36}{41}u\right)\left(18\frac{13}{22}u + 17\frac{3}{8}v\right)$

$399\frac{423}{451}vu + 34\frac{3}{4}v^2 + 388\frac{64}{451}u^2$

313) $\left(\frac{14}{15}x + 4\frac{27}{46}y\right)\left(2x - 1\frac{1}{3}y\right)$

$1\frac{13}{15}x^2 + 7\frac{962}{1035}xy - 6\frac{8}{69}y^2$

314) $\left(23\frac{1}{13}u + 5\frac{29}{30}v\right)\left(16\frac{32}{39}u - \frac{1}{3}v\right)$

$388\frac{28}{169}u^2 + 92\frac{392}{585}uv - 1\frac{89}{90}v^2$

315) $\left(15\frac{2}{31}x + 1\frac{1}{3}y\right)\left(1\frac{28}{37}x - 1\frac{27}{46}y\right)$

$26\frac{533}{1147}x^2 - 21\frac{89335}{158286}xy - 2\frac{8}{69}y^2$

316) $\left(\frac{1}{8}a + \frac{3}{35}b\right)\left(22\frac{9}{20}a + 17\frac{3}{11}b\right)$

$2\frac{129}{160}a^2 + 4\frac{321}{3850}ab + 1\frac{37}{77}b^2$

317) $\left(\frac{1}{3}x + 9\frac{8}{45}y\right)\left(\frac{22}{25}x - \frac{9}{23}y\right)$

$\frac{22}{75}x^2 + 7\frac{24478}{25875}xy - 3\frac{68}{115}y^2$

318) $\left(19\frac{11}{38}x + 1\frac{23}{40}y\right)\left(25\frac{31}{38}x - 1\frac{2}{3}y\right)$

$497\frac{1405}{1444}x^2 + 8\frac{2329}{4560}xy - 2\frac{5}{8}y^2$

319) $\left(1\frac{10}{21}a + 19\frac{5}{47}b\right)\left(1\frac{5}{16}a - \frac{4}{13}b\right)$

$1\frac{15}{16}a^2 + 24\frac{63941}{102648}ab - 5\frac{537}{611}b^2$

320) $\left(2m - 1\frac{2}{3}n\right)\left(3\frac{9}{49}m - \frac{13}{14}n\right)$

$6\frac{18}{49}m^2 - 7\frac{8}{49}mn + 1\frac{23}{42}n^2$

321) $\left(\frac{3}{11}x + \frac{7}{18}y\right)\left(\frac{7}{11}x - \frac{3}{8}y\right)$

$\frac{21}{121}x^2 + \frac{115}{792}xy - \frac{7}{48}y^2$

322) $\left(\frac{8}{15}x + 4\frac{12}{13}y\right)\left(\frac{10}{13}x + 17\frac{5}{16}y\right)$

$\frac{16}{39}x^2 + 13\frac{103}{5070}xy + 85\frac{3}{13}y^2$

323) $\left(25\frac{1}{28}m - \frac{8}{37}n\right)\left(3\frac{49}{50}m + 19\frac{4}{29}n\right)$

$99\frac{899}{1400}m^2 + 478\frac{203723}{751100}mn - 4\frac{4}{29}n^2$

324) $\left(19\frac{7}{13}m + 13\frac{13}{18}n\right)\left(1\frac{2}{11}m + 8\frac{3}{34}n\right)$

$23\frac{1}{11}m^2 + 174\frac{10889}{43758}mn + 110\frac{605}{612}n^2$

325) $\left(1\frac{7}{18}x + 11\frac{29}{38}y\right)\left(\frac{11}{12}x + 13\frac{4}{9}y\right)$

$1\frac{59}{216}x^2 + 29\frac{5611}{12312}xy + 158\frac{17}{114}y^2$

326) $\left(21\frac{2}{3}u + 8\frac{19}{34}v\right)\left(\frac{4}{5}u - \frac{40}{47}v\right)$

$17\frac{1}{3}u^2 - 11\frac{7103}{11985}uv - 7\frac{227}{799}v^2$

327) $\left(\frac{1}{21}x + 19\frac{8}{27}y\right)\left(1\frac{9}{22}x + 22\frac{6}{25}y\right)$

$\frac{31}{462}x^2 + 28\frac{25913}{103950}xy + 429\frac{101}{675}y^2$

328) $\left(-34y + 16\frac{26}{35}x\right)\left(20\frac{7}{41}x + 15\frac{3}{7}y\right)$

$-427\frac{4887}{10045}yx - 524\frac{4}{7}y^2 + 337\frac{1027}{1435}x^2$

329) $\left(6\frac{24}{25}u + 16\frac{22}{37}v\right)\left(\frac{1}{46}u + \frac{45}{47}v\right)$

$\frac{87}{575}u^2 + 7\frac{4916}{199985}uv + 15\frac{1545}{1739}v^2$

330) $\left(17\frac{5}{11}a - 1\frac{11}{39}b\right)\left(-7b + \frac{19}{37}a\right)$

$-122\frac{13336}{15873}ab + 8\frac{392}{407}a^2 + 8\frac{38}{39}b^2$

331) $\left(\frac{11}{15}x + \frac{7}{16}y\right)\left(10\frac{37}{44}x + 3\frac{23}{39}y\right)$

$7\frac{19}{20}x^2 + 7\frac{30919}{82368}xy + 1\frac{89}{156}y^2$

332) $\left(x + \frac{13}{40}y\right)\left(\frac{37}{48}x + 1\frac{9}{38}y\right)$

$\frac{37}{48}x^2 + 1\frac{17779}{36480}xy + \frac{611}{1520}y^2$

333) $\left(25\frac{17}{32}a + 22\frac{23}{33}b\right)\left(25\frac{1}{16}a - \frac{29}{49}b\right)$

$639\frac{449}{512}a^2 + 553\frac{37901}{51744}ab - 13\frac{100}{231}b^2$

334) $\left(34\frac{27}{50}x + 23\frac{1}{6}y\right)\left(5\frac{11}{46}x + 22\frac{33}{46}y\right)$

$180\frac{2207}{2300}x^2 + 906\frac{11}{345}xy + 526\frac{79}{276}y^2$

335) $\left(7y + 8\frac{5}{8}x\right)\left(x + 23\frac{14}{47}y\right)$

$207\frac{355}{376}yx + 163\frac{4}{47}y^2 + 8\frac{5}{8}x^2$

336) $\left(1\frac{17}{18}m + 12\frac{1}{6}n\right)\left(43m + 10\frac{16}{25}n\right)$

$83\frac{11}{18}m^2 + 543\frac{77}{90}mn + 129\frac{34}{75}n^2$

337) $\left(14\frac{21}{22}x + 1\frac{6}{19}y\right)\left(1\frac{11}{43}x + 13\frac{3}{4}y\right)$

$18\frac{369}{473}x^2 + 207\frac{1813}{6536}xy + 18\frac{7}{76}y^2$

338) $\left(12\frac{29}{40}m - \frac{13}{23}n\right)\left(8\frac{4}{9}m + 5\frac{22}{35}n\right)$

$107\frac{41}{90}m^2 + 66\frac{246511}{289800}mn - 3\frac{146}{805}n^2$

339) $\left(11\frac{8}{47}x - \frac{1}{2}y\right)\left(\frac{1}{43}x + 20\frac{11}{28}y\right)$

$\frac{525}{2021}x^2 + 227\frac{6313}{8084}xy - 10\frac{11}{56}y^2$

340) $\left(1\frac{8}{15}u + 7\frac{1}{33}v\right)\left(4\frac{1}{41}u + 4\frac{19}{29}v\right)$

$6\frac{7}{41}u^2 + 35\frac{512}{1189}uv + 32\frac{8}{11}v^2$

341) $\left(\frac{2}{5}x + \frac{4}{7}y\right)\left(\frac{5}{48}x - \frac{5}{13}y\right)$

$\frac{1}{24}x^2 - \frac{103}{1092}xy - \frac{20}{91}y^2$

342) $\left(14\frac{6}{37}u + 13\frac{5}{44}v\right)\left(31v + 6\frac{5}{6}u\right)$

$528\frac{6221}{9768}uv + 96\frac{86}{111}u^2 + 406\frac{23}{44}v^2$

343) $\left(\frac{1}{8}x - \frac{34}{45}y\right)\left(6y + \frac{29}{33}x\right)$

$\frac{511}{5940}xy + \frac{29}{264}x^2 - 4\frac{8}{15}y^2$

344) $\left(1\frac{4}{5}x + 23\frac{1}{22}y\right)\left(1\frac{13}{24}x - 1\frac{14}{33}y\right)$

$2\frac{31}{40}x^2 + 32\frac{849}{880}xy - 32\frac{199}{242}y^2$

345) $\left(17\frac{17}{22}a + 19\frac{37}{46}b\right)\left(14a + 20\frac{17}{37}b\right)$

$248\frac{9}{11}a^2 + 640\frac{16499}{18722}ab + 405\frac{317}{1702}b^2$

346) $\left(1\frac{1}{3}x - \frac{5}{47}y\right)\left(2x + 13\frac{5}{21}y\right)$

$2\frac{2}{3}x^2 + 17\frac{1297}{2961}xy - 1\frac{403}{987}y^2$

347) $\left(24\frac{23}{44}a + 17\frac{12}{35}b\right)\left(25\frac{17}{24}a - 1\frac{5}{19}b\right)$

$630\frac{463}{1056}a^2 + 414\frac{154471}{175560}ab - 21\frac{603}{665}b^2$

348) $\left(1\frac{2}{25}x + 16\frac{2}{7}y\right)\left(10\frac{9}{13}x + 21\frac{29}{38}y\right)$

$11\frac{178}{325}x^2 + 197\frac{54989}{86450}xy + 354\frac{3}{7}y^2$

349) $\left(13\frac{1}{12}x + 14\frac{2}{3}y\right)\left(34x - 2\frac{9}{20}y\right)$

$444\frac{5}{6}x^2 + 466\frac{49}{80}xy - 35\frac{14}{15}y^2$

350) $\left(6\frac{31}{34}x + \frac{1}{4}y\right)\left(11\frac{27}{50}x + 1\frac{11}{15}y\right)$

$79\frac{259}{340}x^2 + 14\frac{8827}{10200}xy + \frac{13}{30}y^2$

351) $\left(1\frac{4}{5}m - 1\frac{19}{36}n\right)\left(1\frac{8}{47}m - 2\frac{5}{23}n\right)$

$2\frac{5}{47}m^2 - 5\frac{151603}{194580}mn + 3\frac{107}{276}n^2$

352) $\left(18\frac{17}{20}x + 1\frac{7}{9}y\right)\left(\frac{1}{26}x - 1\frac{15}{41}y\right)$

$\frac{29}{40}x^2 - 25\frac{16261}{23985}xy - 2\frac{158}{369}y^2$

353) $\left(1\frac{1}{2}m + 7\frac{13}{49}n\right)\left(1\frac{10}{47}m + 19\frac{2}{21}n\right)$

$1\frac{77}{94}m^2 + 37\frac{2091}{4606}mn + 138\frac{754}{1029}n^2$

354) $\left(19\frac{3}{10}x + 14\frac{2}{43}y\right)\left(6\frac{17}{45}x + 12\frac{1}{5}y\right)$

$123\frac{41}{450}x^2 + 325\frac{881}{19350}xy + 171\frac{79}{215}y^2$

355) $\left(\frac{40}{41}x - 2\frac{13}{38}y\right)\left(19\frac{11}{13}x + 9\frac{8}{23}y\right)$

$19\frac{193}{533}x^2 - 37\frac{84306}{232921}xy - 21\frac{781}{874}y^2$

356) $\left(1\frac{5}{27}x - \frac{10}{17}y\right)\left(13\frac{5}{6}x - \frac{11}{14}y\right)$

$16\frac{32}{81}x^2 - 9\frac{220}{3213}xy + \frac{55}{119}y^2$

357) $\left(23\frac{7}{44}x + \frac{1}{19}y\right)\left(13\frac{28}{41}x + 19\frac{11}{14}y\right)$

$316\frac{145}{164}x^2 + 458\frac{450741}{479864}xy + 1\frac{11}{266}y^2$

358) $\left(1\frac{1}{27}u - 1\frac{4}{7}v\right)\left(15\frac{7}{13}u + 23\frac{1}{17}v\right)$

$16\frac{40}{351}u^2 - 21082{41769}uv - 36\frac{4}{17}v^2$

359) $\left(8\frac{7}{17}x + 18\frac{19}{27}y\right)\left(-19y + 49\frac{2}{9}x\right)$

$760\frac{3364}{4131}xy + 414\frac{7}{153}x^2 - 355\frac{10}{27}y^2$

360) $\left(1\frac{29}{48}u - \frac{7}{10}v\right)\left(\frac{1}{3}u - 1\frac{11}{17}v\right)$

$\frac{77}{144}u^2 - 2\frac{893}{1020}uv + 1\frac{13}{85}v^2$

361) $\left(1\frac{5}{12}x + 1\frac{8}{21}y\right)\left(4\frac{1}{27}x + \frac{27}{29}y\right)$

$5\frac{233}{324}x^2 + 6\frac{58795}{65772}xy + 1\frac{2}{7}y^2$

362) $\left(11\frac{5}{7}a + 1\frac{3}{7}b\right)\left(22\frac{10}{11}a + 4\frac{29}{41}b\right)$

$268\frac{4}{11}a^2 + 87\frac{67}{77}ab + 6\frac{208}{287}b^2$

363) $\left(\frac{21}{38}x + 7\frac{5}{16}y\right)\left(3\frac{3}{4}x + 23\frac{15}{23}y\right)$

$2\frac{11}{152}x^2 + 40\frac{13783}{27968}xy + 172\frac{22}{23}y^2$

364) $\left(3\frac{3}{34}a - \frac{25}{37}b\right)\left(1\frac{47}{50}a + 14\frac{10}{27}b\right)$

$5\frac{337}{340}a^2 + 43\frac{773}{11322}ab - 9\frac{709}{999}b^2$

365) $\left(22\frac{12}{41}m + 1\frac{27}{46}n\right)\left(2m + 24\frac{1}{2}n\right)$

$44\frac{24}{41}m^2 + 549\frac{325}{943}mn + 38\frac{81}{92}n^2$

366) $\left(\frac{1}{14}m + 21\frac{16}{31}n\right)\left(25\frac{7}{50}m + 2\frac{11}{17}n\right)$

$1\frac{557}{700}m^2 + 541\frac{9643}{92225}mn + 56\frac{503}{527}n^2$

367) $\left(42x + 21\frac{5}{6}y\right)\left(1\frac{41}{43}x + 18\frac{23}{30}y\right)$

$82\frac{2}{43}x^2 + 830\frac{183}{215}xy + 409\frac{133}{180}y^2$

368) $\left(1\frac{2}{49}x - 1\frac{2}{7}y\right)\left(x + \frac{2}{3}y\right)$

$1\frac{2}{49}x^2 - \frac{29}{49}xy - \frac{6}{7}y^2$

369) $\left(17\frac{28}{31}x - 1\frac{5}{26}y\right)\left(\frac{41}{47}x + 1\frac{7}{11}y\right)$

$15\frac{900}{1457}x^2 + 28\frac{106713}{416702}xy - 1\frac{136}{143}y^2$

370) $\left(17\frac{32}{39}u + \frac{27}{40}v\right)\left(17\frac{13}{38}u + 1\frac{17}{19}v\right)$

$309\frac{67}{1482}u^2 + 45\frac{9309}{19760}uv + 1\frac{53}{190}v^2$

371) $\left(\frac{1}{4}x - 1\frac{4}{5}y\right)\left(5\frac{7}{46}x + 2\frac{17}{26}y\right)$

$1\frac{53}{184}x^2 - 8\frac{7301}{11960}xy - 4\frac{101}{130}y^2$

372) $\left(6\frac{3}{7}x + 16\frac{14}{45}y\right)\left(21\frac{31}{46}x + 10\frac{1}{12}y\right)$

$139\frac{107}{322}x^2 + 418\frac{10057}{28980}xy + 164\frac{127}{270}y^2$

373) $\left(1\frac{1}{21}x + 7\frac{14}{33}y\right)\left(1\frac{41}{46}x + 1\frac{1}{10}y\right)$

$1\frac{158}{161}x^2 + 15\frac{10301}{53130}xy + 8\frac{1}{6}y^2$

374) $\left(\frac{3}{11}u - 1\frac{7}{9}v\right)\left(11\frac{19}{26}u + 2\frac{5}{8}v\right)$

$3\frac{57}{286}u^2 - 20\frac{1429}{10296}uv - 4\frac{2}{3}v^2$

375) $\left(y + 9\frac{17}{28}x\right)\left(1\frac{10}{11}x + 1\frac{19}{20}y\right)$

$20\frac{3961}{6160}yx + 1\frac{19}{20}y^2 + 18\frac{15}{44}x^2$

376) $\left(5\frac{39}{46}a - \frac{14}{37}b\right)\left(1\frac{3}{4}a - \frac{4}{5}b\right)$

$10\frac{43}{184}a^2 - 5\frac{2897}{8510}ab + \frac{56}{185}b^2$

377) $\left(18\frac{14}{37}x - 1\frac{38}{41}y\right)\left(12x + \frac{5}{24}y\right)$

$220\frac{20}{37}x^2 - 19\frac{1334}{4551}xy - \frac{395}{984}y^2$

378) $\left(4\frac{17}{18}a + 1\frac{22}{37}b\right)\left(\frac{11}{46}a - 3\frac{8}{9}b\right)$

$1\frac{151}{828}a^2 - 18\frac{58390}{68931}ab - 6\frac{67}{333}b^2$

379) $\left(-y + 1\frac{7}{9}x\right)\left(-46y + 11\frac{1}{2}x\right)$

$46y^2 - 93\frac{5}{18}yx + 20\frac{4}{9}x^2$

380) $\left(23\frac{3}{4}m + 17\frac{3}{4}n\right)\left(\frac{11}{18}m + 9\frac{35}{44}n\right)$

$14\frac{37}{72}m^2 + 243\frac{775}{1584}mn + 173\frac{153}{176}n^2$

381) $\left(\frac{5}{8}x + 10\frac{33}{49}y\right)\left(\frac{4}{19}x + 19\frac{6}{19}y\right)$

$\frac{5}{38}x^2 + 14\frac{2379}{7448}xy + 206\frac{155}{931}y^2$

382) $\left(-47n + \frac{10}{13}m\right)\left(\frac{1}{32}m + 1\frac{31}{47}n\right)$

$-\frac{289}{1504}nm - 78n^2 + \frac{5}{208}m^2$

383) $\left(26\frac{33}{43}x + 3\frac{16}{33}y\right)\left(\frac{7}{11}x + 13\frac{1}{30}y\right)$

$17\frac{16}{473}x^2 + 351\frac{4507}{52030}xy + 45\frac{83}{198}y^2$

384) $\left(11\frac{1}{16}x + 1\frac{1}{4}y\right)\left(23\frac{7}{32}x + 6\frac{43}{45}y\right)$

$256\frac{439}{512}x^2 + 105\frac{1861}{1920}xy + 8\frac{25}{36}y^2$

385) $\left(25\frac{27}{50}u + \frac{4}{11}v\right)\left(1\frac{1}{39}u - \frac{30}{31}v\right)$

$26\frac{38}{195}u^2 - 24\frac{22819}{66495}uv - \frac{120}{341}v^2$

386) $\left(\frac{5}{11}x + 1\frac{21}{38}y\right)\left(\frac{26}{47}x + 1\frac{20}{49}y\right)$

$\frac{130}{517}x^2 + 1\frac{240171}{481327}xy + 2\frac{347}{1862}y^2$

387) $\left(21x + 1\frac{13}{17}y\right)\left(\frac{3}{26}x + 1\frac{3}{22}y\right)$

$2\frac{11}{26}x^2 + 24\frac{327}{4862}xy + 2\frac{1}{187}y^2$

388) $\left(22\frac{33}{40}x - 2\frac{5}{24}y\right)\left(x + 20\frac{21}{43}y\right)$

$22\frac{33}{40}x^2 + 465\frac{283}{645}xy - 45\frac{253}{1032}y^2$

389) $\left(\frac{32}{33}x - \frac{1}{2}y\right)\left(27\frac{15}{16}x + 24\frac{11}{14}y\right)$

$27\frac{1}{11}x^2 + 10\frac{487}{7392}xy - 12\frac{11}{28}y^2$

390) $\left(2u - 1\frac{5}{8}v\right)\left(\frac{47}{50}u + 2\frac{8}{37}v\right)$

$1\frac{22}{25}u^2 + 2\frac{13393}{14800}uv - 3\frac{89}{148}v^2$

391) $\left(\frac{1}{3}a + 15\frac{9}{16}b\right)\left(\frac{11}{28}a + 1\frac{33}{41}b\right)$

$\frac{11}{84}a^2 + 6\frac{39425}{55104}ab + 28\frac{29}{328}b^2$

392) $\left(\frac{4}{15}a + \frac{31}{42}b\right)\left(-49b + \frac{19}{30}a\right)$

$-12\frac{151}{252}ab + \frac{38}{225}a^2 - 36\frac{1}{6}b^2$

393) $\left(2\frac{19}{26}x + \frac{8}{11}y\right)\left(15\frac{5}{23}x - 1\frac{7}{44}y\right)$

$41\frac{166}{299}x^2 + 7\frac{23733}{26312}xy - \frac{102}{121}y^2$

394) $\left(1\frac{16}{47}x + 1\frac{3}{5}y\right)\left(23\frac{2}{5}x - 1\frac{19}{31}y\right)$

$31\frac{86}{235}x^2 + 35\frac{10127}{36425}xy - 2\frac{18}{31}y^2$

395) $\left(\frac{1}{5}x - \frac{8}{9}y\right)\left(1\frac{14}{15}x + \frac{1}{5}y\right)$

$\frac{29}{75}x^2 - 1\frac{458}{675}xy - \frac{8}{45}y^2$

396) $\left(16\frac{27}{37}m - \frac{3}{7}n\right)\left(1\frac{3}{10}m + 8\frac{5}{9}n\right)$

$21\frac{277}{370}m^2 + 142\frac{13403}{23310}mn - 3\frac{2}{3}n^2$

397) $\left(7x - 1\frac{1}{40}y\right)\left(\frac{2}{17}x - 1\frac{7}{39}y\right)$

$\frac{14}{17}x^2 - 8\frac{4999}{13260}xy + 1\frac{163}{780}y^2$

398) $\left(\frac{20}{27}x - 2\frac{11}{20}y\right)\left(5\frac{3}{22}x - 1\frac{1}{15}y\right)$

$3\frac{239}{297}x^2 - 13\frac{31643}{35640}xy + 2\frac{18}{25}y^2$

399) $\left(19\frac{14}{23}x + 13\frac{12}{17}y\right)\left(2\frac{22}{23}x - \frac{2}{5}y\right)$

$57\frac{515}{529}x^2 + 32\frac{78}{115}xy - 5\frac{41}{85}y^2$

400) $\left(6\frac{3}{16}m + 1\frac{4}{5}n\right)\left(1\frac{5}{7}m + 3\frac{7}{48}n\right)$

$10\frac{17}{28}m^2 + 22\frac{4933}{8960}mn + 5\frac{53}{80}n^2$

401) $\left(5y + 1\frac{7}{12}x\right)\left(32\frac{17}{20}x + 1\frac{12}{29}y\right)$

$166\frac{85}{174}yx + 7\frac{2}{29}y^2 + 52\frac{1}{80}x^2$

402) $\left(2\frac{31}{43}u + \frac{4}{25}v\right)\left(\frac{11}{12}u + 1\frac{11}{13}v\right)$

$2\frac{85}{172}u^2 + 5\frac{548}{3225}uv + \frac{96}{325}v^2$

403) $\left(x - \frac{1}{2}y\right)\left(25\frac{1}{2}x + 41\frac{33}{37}y\right)$

$25\frac{1}{2}x^2 + 29\frac{21}{148}xy - 20\frac{35}{37}y^2$

404) $\left(\frac{19}{64}x - 3\frac{27}{32}y\right)\left(28\frac{14}{51}x - \frac{2}{3}y\right)$

$8\frac{643}{1632}x^2 - 108\frac{1433}{1632}xy + 2\frac{9}{16}y^2$

405) $\left(5\frac{25}{57}u + 42\frac{25}{29}v\right)\left(\frac{17}{19}u + 45\frac{8}{9}v\right)$

$4\frac{938}{1083}u^2 + 287\frac{13708}{14877}uv + 1966\frac{233}{261}v^2$

406) $\left(7\frac{66}{71}a + \frac{1}{3}b\right)\left(\frac{15}{17}a + 18\frac{59}{60}b\right)$

$6\frac{1203}{1207}a^2 + 150\frac{59669}{72420}ab + 6\frac{59}{180}b^2$

407) $\left(9\frac{56}{79}x + \frac{82}{97}y\right)\left(10\frac{23}{82}x + 9\frac{62}{97}y\right)$

$29\frac{21119775}{60951502}x^2 + 31\frac{24710005}{30475751}xy + 8\frac{1398}{9409}y^2$

408) $\left(67x + 27\frac{37}{63}y\right)\left(2x + 3\frac{68}{75}y\right)$

$134x^2 + 316\frac{1451}{1575}xy + 107\frac{3659}{4725}y^2$

409) $\left(1\frac{42}{85}a - 1\frac{9}{10}b\right)\left(-16b + \frac{1}{4}a\right)$

$-24\frac{259}{680}ab + \frac{127}{340}a^2 + 30\frac{2}{5}b^2$

410) $\left(38\frac{2}{99}m + 21\frac{41}{67}n\right)\left(13\frac{2}{21}m + 29\frac{10}{11}n\right)$

$497\frac{167}{189}m^2 - 1382\frac{1428418}{1532223}mn + 646\frac{290}{737}n^2$

411) $\left(\frac{1}{14}m - 1\frac{9}{11}n\right)\left(20\frac{1}{2}m + \frac{23}{45}n\right)$

$1\frac{13}{28}m^2 - 37\frac{1637}{6930}mn - \frac{92}{99}n^2$

412) $\left(1\frac{5}{21}x + 1\frac{67}{76}y\right)\left(96x - 1\frac{1}{3}y\right)$

$118\frac{6}{7}x^2 + 178\frac{1174}{1197}xy - 2\frac{29}{57}y^2$

413) $\left(1\frac{18}{35}x + 42\frac{29}{63}y\right)\left(1\frac{43}{94}x - 1\frac{20}{67}y\right)$

$2\frac{681}{3290}x^2 + 59\frac{1819889}{1983870}xy - 55\frac{190}{1407}y^2$

414) $\left(\frac{4}{21}x + 2\frac{5}{6}y\right)\left(\frac{3}{59}x - \frac{7}{40}y\right)$

$\frac{4}{413}x^2 + \frac{98}{885}xy - \frac{119}{240}y^2$

415) $\left(44\frac{22}{29}x + 16\frac{1}{26}y\right)\left(10\frac{20}{29}x + 2\frac{29}{72}y\right)$

$478\frac{382}{841}x^2 + 278\frac{13445}{13572}xy + 38\frac{335}{624}y^2$

416) $\left(\frac{49}{57}x + \frac{17}{91}y\right)\left(22\frac{21}{68}x - \frac{3}{4}y\right)$

$19\frac{689}{3876}x^2 + 3\frac{904}{1729}xy - \frac{51}{364}y^2$

417) $\left(1\frac{3}{50}u + 33\frac{49}{75}v\right)\left(\frac{7}{31}u + 41\frac{1}{90}v\right)$

$\frac{371}{1550}u^2 + 51\frac{9893}{139500}uv + 1380\frac{542}{3375}v^2$

418) $\left(25\frac{53}{63}u + 17\frac{30}{73}v\right)\left(16\frac{9}{44}u - 1\frac{2}{17}v\right)$

$418\frac{47}{63}u^2 + 253\frac{878093}{3440052}uv - 19\frac{570}{1241}v^2$

419) $\left(1\frac{45}{71}x + 17\frac{62}{77}y\right)\left(4\frac{5}{27}x + 28\frac{11}{24}y\right)$

$6\frac{1606}{1917}x^2 + 121\frac{1313}{98406}xy + 506\frac{435}{616}y^2$

420) $\left(12\frac{67}{85}x + 20\frac{44}{47}y\right)\left(1\frac{26}{51}x + 30\frac{9}{64}y\right)$

$19\frac{1334}{4335}x^2 + 87\frac{1768639}{2607936}xy - 27\frac{1180459}{1629960}y^2$

421) $\left(42\frac{35}{78}a + 32\frac{17}{39}b\right)\left(1\frac{7}{60}a + 1\frac{9}{80}b\right)$

$47\frac{1877}{4680}a^2 + 83\frac{8317}{18720}ab + 36\frac{53}{624}b^2$

422) $\left(1\frac{31}{46}a + 1\frac{1}{7}b\right)\left(49\frac{32}{91}a + \frac{44}{85}b\right)$

$82\frac{365}{598}a^2 + 57\frac{334223}{1245335}ab + \frac{352}{595}b^2$

423) $\left(1\frac{2}{7}m - 1\frac{47}{93}n\right)\left(39\frac{67}{80}m + 4\frac{24}{65}n\right)$

$51\frac{123}{560}m^2 - 54\frac{59723}{169260}mn - 6\frac{698}{1209}n^2$

424) $\left(33\frac{68}{99}x + 1\frac{7}{22}y\right)\left(-91y + \frac{4}{19}x\right)$

$-3065\frac{428}{1881}xy + 7\frac{173}{1881}x^2 - 119\frac{21}{22}y^2$

425) $\left(1\frac{5}{7}m + 49\frac{34}{79}n\right)\left(2n + 1\frac{8}{61}m\right)$

$59\frac{11524}{33733}mn + 1\frac{401}{427}m^2 + 98\frac{68}{79}n^2$

426) $\left(-28y + 1\frac{9}{14}x\right)\left(1\frac{7}{86}x + \frac{16}{63}y\right)$

$-29\frac{16343}{18963}yx - 7\frac{1}{9}y^2 + 1\frac{935}{1204}x^2$

427) $\left(35\frac{1}{13}x + 11\frac{1}{2}y\right)\left(1\frac{21}{29}x + 45\frac{29}{33}y\right)$

$60\frac{180}{377}x^2 + 1629\frac{474}{4147}xy + 527\frac{20}{33}y^2$

428) $\left(\frac{5}{7}x + 14\frac{31}{90}y\right)\left(\frac{11}{20}x + \frac{1}{8}y\right)$

$\frac{11}{28}x^2 + 7\frac{3083}{3150}xy + 1\frac{571}{720}y^2$

429) $\left(1\frac{3}{7}x + 27\frac{1}{8}y\right)\left(21\frac{1}{3}x + 28\frac{25}{48}y\right)$

$30\frac{10}{21}x^2 + 619\frac{23}{56}xy + 773\frac{241}{384}y^2$

430) $\left(17\frac{6}{49}x - 1\frac{3}{25}y\right)\left(1\frac{7}{9}x + 1\frac{7}{29}y\right)$

$30\frac{194}{441}x^2 + 19\frac{84517}{319725}xy - 1\frac{283}{725}y^2$

431) $\left(1\frac{25}{56}u - 1\frac{25}{94}v\right)\left(1\frac{54}{91}u + 33\frac{16}{23}v\right)$

$2\frac{1553}{5096}u^2 + 46\frac{567537}{786968}uv - 42\frac{1421}{2162}v^2$

432) $\left(20\frac{49}{64}x + 5\frac{23}{30}y\right)\left(50\frac{6}{77}x + 1\frac{7}{31}y\right)$

$1039\frac{277}{308}x^2 + 314\frac{271913}{1145760}xy + 7\frac{32}{465}y^2$

433) $\left(40\frac{31}{35}x - \frac{3}{35}y\right)\left(\frac{51}{89}x + 1\frac{9}{34}y\right)$

$23\frac{1336}{3115}x^2 + 51\frac{1995}{3026}xy - \frac{129}{1190}y^2$

434) $\left(4\frac{1}{70}u + \frac{44}{79}v\right)\left(\frac{15}{19}u + 32\frac{3}{59}v\right)$

$3\frac{45}{266}u^2 + 129\frac{625901}{6199130}uv + 17\frac{3967}{4661}v^2$

435) $\left(1\frac{5}{7}x - \frac{23}{24}y\right)\left(1\frac{2}{25}x + 17\frac{7}{64}y\right)$

$1\frac{149}{175}x^2 + 28\frac{827}{2800}xy - 16\frac{203}{512}y^2$

436) $\left(24\frac{31}{85}a + 10\frac{92}{97}b\right)\left(-b + 1\frac{8}{13}a\right)$

$-6\frac{72751}{107185}ab + 39\frac{396}{1105}a^2 - 10\frac{92}{97}b^2$

437) $\left(\frac{19}{46}x + 41\frac{1}{10}y\right)\left(1\frac{2}{25}x + 39\frac{49}{68}y\right)$

$\frac{513}{1150}x^2 + 60\frac{310583}{391000}xy + 1632\frac{351}{680}y^2$

438) $\left(1\frac{6}{7}x - \frac{15}{16}y\right)\left(2y + \frac{1}{3}x\right)$

$3\frac{45}{112}xy + \frac{13}{21}x^2 - 1\frac{7}{8}y^2$

439) $\left(\frac{1}{14}m + 36\frac{37}{40}n\right)\left(6\frac{2}{33}m + 1\frac{8}{11}n\right)$

$\frac{100}{231}m^2 + 223\frac{421}{462}mn + 63\frac{343}{440}n^2$

440) $\left(13\frac{5}{98}a + 37\frac{49}{58}b\right)\left(\frac{19}{41}a + \frac{57}{68}b\right)$

$6\frac{193}{4018}a^2 + 28\frac{3784839}{7923496}ab + 31\frac{2851}{3944}b^2$

441) $\left(16\frac{17}{20}x + 34\frac{15}{43}y\right)\left(\frac{14}{23}x - \frac{17}{26}y\right)$

$10\frac{59}{230}x^2 + 9\frac{458059}{514280}xy - 22\frac{513}{1118}y^2$

442) $\left(1\frac{4}{35}x + 48\frac{23}{68}y\right)\left(1\frac{83}{85}x + 45\frac{69}{100}y\right)$

$2\frac{86}{425}x^2 + 146\frac{455999}{1011500}xy + 85\frac{2045693}{4046000}y^2$

443) $\left(-2y + 10\frac{1}{42}x\right)\left(6\frac{61}{98}x - \frac{1}{15}y\right)$

$-13\frac{4027}{4410}yx + \frac{2}{15}y^2 + 66\frac{1573}{4116}x^2$

444) $\left(1\frac{11}{14}m - 1\frac{9}{25}n\right)\left(32\frac{12}{37}m + 1\frac{35}{89}n\right)$

$57\frac{187}{259}m^2 - 41\frac{272647}{576275}mn - 1\frac{1991}{2225}n^2$

445) $\left(37\frac{35}{48}x + 35\frac{33}{46}y\right)\left(4\frac{5}{6}x + 16\frac{15}{16}y\right)$

$182\frac{103}{288}x^2 + 811\frac{11867}{17664}xy + 604\frac{709}{736}y^2$

446) $\left(43y + 27\frac{69}{70}x\right)\left(3\frac{19}{54}x - 1\frac{11}{24}y\right)$

$103\frac{137}{432}yx - 62\frac{17}{24}y^2 + 93\frac{1013}{1260}x^2$

447) $\left(17\frac{24}{77}u - \frac{4}{7}v\right)\left(\frac{41}{69}u - \frac{11}{12}v\right)$

$10\frac{1523}{5313}u^2 - 16\frac{403}{1932}uv + \frac{11}{21}v^2$

448) $\left(\frac{17}{63}u - 3\frac{14}{41}v\right)\left(1\frac{25}{41}u - 1\frac{11}{48}v\right)$

$\frac{374}{861}u^2 - 5\frac{3612331}{5083344}uv + 4\frac{211}{1968}v^2$

449) $\left(12\frac{55}{56}x + 15\frac{71}{94}y\right)\left(\frac{7}{8}x + 77\frac{16}{55}y\right)$

$11\frac{23}{64}x^2 + 1017\frac{54293}{289520}xy + 1217\frac{3841}{5170}y^2$

450) $\left(1\frac{19}{33}x + \frac{41}{55}y\right)\left(97x - \frac{56}{71}y\right)$

$152\frac{28}{33}x^2 + 71\frac{776}{11715}xy - \frac{2296}{3905}y^2$

451) $\left(45\frac{30}{91}a - \frac{11}{42}b\right)\left(39a - \frac{27}{44}b\right)$

$1767\frac{6}{7}a^2 - 38\frac{11}{364}ab + \frac{9}{56}b^2$

452) $\left(48\frac{1}{6}a + 38\frac{19}{22}b\right)\left(74a + 35\frac{23}{96}b\right)$

$3564\frac{1}{3}a^2 + 4573\frac{1789}{6336}ab + 1369\frac{379}{704}b^2$

453) $\left(1\frac{83}{84}x + 2\frac{27}{70}y\right)\left(1\frac{3}{4}x + \frac{14}{39}y\right)$

$3\frac{23}{48}x^2 + 4\frac{4159}{4680}xy + \frac{167}{195}y^2$

454) $\left(1\frac{3}{7}m + 1\frac{8}{85}n\right)\left(5\frac{11}{15}m - \frac{11}{31}n\right)$

$8\frac{4}{21}m^2 + 5\frac{70647}{92225}mn - \frac{33}{85}n^2$

455) $\left(1\frac{17}{28}x + 34\frac{7}{90}y\right)\left(20\frac{16}{49}x + 1\frac{9}{71}y\right)$

$32\frac{229}{343}x^2 + 694\frac{25772}{52185}xy + 38\frac{254}{639}y^2$

456) $\left(\frac{3}{13}x + 1\frac{1}{6}y\right)\left(84x + \frac{2}{5}y\right)$

$19\frac{5}{13}x^2 + 98\frac{6}{65}xy + \frac{7}{15}y^2$

457) $\left(\frac{13}{34}m + 30\frac{12}{71}n\right)\left(44\frac{1}{80}m + \frac{28}{43}n\right)$

$16\frac{2253}{2720}m^2 - 223\frac{1157251}{2076040}mn + 19\frac{1969}{3053}n^2$

458) $\left(4\frac{41}{42}x + 47\frac{3}{4}y\right)\left(4\frac{7}{10}x + 30\frac{35}{64}y\right)$

$23\frac{163}{420}x^2 + 376\frac{5807}{13440}xy + 1458\frac{157}{256}y^2$

459) $\left(\dfrac{6}{7}x+4\dfrac{1}{57}y\right)\left(\dfrac{8}{9}x+7\dfrac{22}{91}y\right)$

$\dfrac{16}{21}x^2+9\dfrac{254357}{326781}xy+29\dfrac{488}{5187}y^2$

460) $\left(\dfrac{27}{62}x+\dfrac{15}{22}y\right)\left(\dfrac{16}{27}x+42\dfrac{21}{22}y\right)$

$\dfrac{8}{31}x^2+19\dfrac{1351}{12276}xy+29\dfrac{139}{484}y^2$

461) $\left(\dfrac{19}{35}u-1\dfrac{4}{29}v\right)\left(16\dfrac{3}{26}u+\dfrac{11}{14}v\right)$

$8\dfrac{681}{910}u^2-17\dfrac{84206}{92365}uv-\dfrac{363}{406}v^2$

462) $\left(7\dfrac{29}{55}x+35\dfrac{46}{49}y\right)\left(1\dfrac{1}{4}x+31\dfrac{17}{38}y\right)$

$9\dfrac{9}{22}x^2+281\dfrac{26069}{40964}xy+1130\dfrac{335}{1862}y^2$

463) $\left(36\dfrac{57}{77}x-2\dfrac{11}{18}y\right)\left(12y+\dfrac{12}{49}x\right)$

$440\dfrac{394}{1617}xy+8\dfrac{3764}{3773}x^2-31\dfrac{1}{3}y^2$

464) $\left(39\dfrac{34}{91}x+1\dfrac{56}{97}y\right)\left(1\dfrac{49}{92}x+\dfrac{15}{62}y\right)$

$60\dfrac{2883}{8372}x^2+11\dfrac{23746979}{25174604}xy+\dfrac{2295}{6014}y^2$

465) $\left(\dfrac{9}{83}u+1\dfrac{55}{72}v\right)\left(4\dfrac{5}{16}u+\dfrac{28}{51}v\right)$

$\dfrac{621}{1328}u^2+7\dfrac{361019}{541824}uv+\dfrac{889}{918}v^2$

466) $\left(\dfrac{22}{49}a+49\dfrac{58}{59}b\right)\left(72a+1\dfrac{72}{89}b\right)$

$32\dfrac{16}{49}a^2+3599\dfrac{21755}{36757}ab+90\dfrac{2199}{5251}b^2$

467) $\left(24\dfrac{5}{6}x+\dfrac{22}{29}y\right)\left(25\dfrac{43}{65}x+1\dfrac{23}{40}y\right)$

$637\dfrac{17}{65}x^2+58\dfrac{17489}{30160}xy+1\dfrac{113}{580}y^2$

468) $\left(1\dfrac{1}{5}x+15\dfrac{67}{88}y\right)\left(1\dfrac{7}{15}x-1\dfrac{10}{51}y\right)$

$1\dfrac{19}{25}x^2+21\dfrac{139}{204}xy-18\dfrac{3823}{4488}y^2$

469) $\left(43\dfrac{5}{13}a-\dfrac{14}{33}b\right)\left(1\dfrac{12}{17}a-1\dfrac{1}{7}b\right)$

$74\dfrac{2}{221}a^2-50\dfrac{15628}{51051}ab+\dfrac{16}{33}b^2$

470) $\left(46\dfrac{1}{27}m+40\dfrac{19}{46}n\right)\left(m-1\dfrac{47}{67}n\right)$

$46\dfrac{1}{27}m^2-37\dfrac{25481}{27738}mn-68\dfrac{1175}{1541}n^2$

471) $\left(\dfrac{33}{35}x-1\dfrac{57}{74}y\right)\left(26\dfrac{23}{27}x+\dfrac{11}{35}y\right)$

$25\dfrac{20}{63}x^2-47\dfrac{584251}{2447550}xy-\dfrac{1441}{2590}y^2$

472) $\left(\dfrac{17}{24}x+39\dfrac{3}{61}y\right)\left(16\dfrac{3}{4}x+\dfrac{41}{57}y\right)$

$11\dfrac{83}{96}x^2+654\dfrac{48673}{83448}xy+28\dfrac{102}{1159}y^2$

473) $\left(\dfrac{29}{56}x-1\dfrac{1}{3}y\right)\left(1\dfrac{1}{2}x-1\dfrac{22}{35}y\right)$

$\dfrac{87}{112}x^2-2\dfrac{1653}{1960}xy+2\dfrac{6}{35}y^2$

474) $\left(93\dfrac{40}{41}m+1\dfrac{1}{5}n\right)\left(1\dfrac{21}{89}m+5\dfrac{37}{46}n\right)$

$116\dfrac{546}{3649}m^2+546\dfrac{159507}{167854}mn+6\dfrac{111}{115}n^2$

475) $\left(28\dfrac{35}{62}x+36\dfrac{59}{94}y\right)\left(25\dfrac{13}{14}x+20\dfrac{46}{67}y\right)$

$740\dfrac{79}{124}x^2-30\dfrac{1983295}{2733332}xy+757\dfrac{2206}{3149}y^2$

476) $\left(\dfrac{28}{69}x+27\dfrac{34}{89}y\right)\left(42\dfrac{23}{45}x-1\dfrac{33}{46}y\right)$

$17\dfrac{779}{3105}x^2+149\dfrac{516562}{706215}xy-47\dfrac{105}{4094}y^2$

477) $\left(30\dfrac{65}{76}u-1\dfrac{54}{73}v\right)\left(\dfrac{47}{60}u-3\dfrac{1}{6}v\right)$

$24\dfrac{155}{912}u^2-99\dfrac{623}{8760}uv+5\dfrac{223}{438}v^2$

478) $\left(-2b+\dfrac{1}{2}a\right)\left(18\dfrac{8}{71}a+20\dfrac{10}{53}b\right)$

$-26\dfrac{493}{3763}ba-40\dfrac{20}{53}b^2+9\dfrac{4}{71}a^2$

479) $\left(61\frac{59}{90}u + 25\frac{13}{66}v\right)\left(15\frac{4}{29}u - \frac{22}{29}v\right)$

$933\frac{881}{2610}u^2 + 334\frac{18857}{28710}uv - 19\frac{10}{87}v^2$

480) $\left(1\frac{9}{28}x - \frac{53}{75}y\right)\left(1\frac{13}{38}x + 1\frac{7}{8}y\right)$

$1\frac{823}{1064}x^2 + 1\frac{56313}{106400}xy - 1\frac{13}{40}y^2$

481) $\left(13\frac{4}{19}a + 7\frac{6}{11}b\right)\left(46\frac{13}{24}a - \frac{3}{16}b\right)$

$614\frac{383}{456}a^2 + 348\frac{7033}{10032}ab - 1\frac{73}{176}b^2$

482) $\left(35\frac{76}{97}x + 34\frac{29}{42}y\right)\left(1\frac{29}{42}x + \frac{3}{7}y\right)$

$60\frac{667}{1358}x^2 + 73\frac{167551}{171108}xy + 14\frac{85}{98}y^2$

483) $\left(66\frac{9}{13}x + 1\frac{10}{21}y\right)\left(17\frac{28}{29}x - 1\frac{2}{25}y\right)$

$1198\frac{61}{377}x^2 - 45\frac{100381}{197925}xy - 1\frac{104}{175}y^2$

484) $\left(\frac{5}{9}x - 1\frac{2}{5}y\right)\left(38\frac{4}{5}x + \frac{54}{89}y\right)$

$21\frac{5}{9}x^2 - 53\frac{2187}{2225}xy - \frac{378}{445}y^2$

485) $\left(4\frac{37}{48}m + 49\frac{68}{71}n\right)\left(23\frac{24}{73}m + 1\frac{13}{16}n\right)$

$111\frac{1043}{3504}m^2 + 95\frac{145605}{1326848}mn + 90\frac{623}{1136}n^2$

486) $\left(\frac{23}{55}x + \frac{1}{2}y\right)\left(15\frac{16}{83}x + 35\frac{17}{36}y\right)$

$6\frac{1613}{4565}x^2 + 22\frac{70703}{164340}xy + 17\frac{53}{72}y^2$

487) $\left(1\frac{13}{41}x + 24\frac{19}{20}y\right)\left(\frac{34}{65}x + 9\frac{13}{76}y\right)$

$\frac{1836}{2665}x^2 + 25\frac{801}{6175}xy + 228\frac{1243}{1520}y^2$

488) $\left(16\frac{21}{34}m - 1\frac{19}{90}n\right)\left(43\frac{4}{71}m + 30\frac{5}{14}n\right)$

$715\frac{1195}{2414}m^2 + 452\frac{9491}{29820}mn - 36\frac{193}{252}n^2$

489) $\left(18\frac{41}{69}x + 20\frac{11}{72}y\right)\left(1\frac{4}{5}x + 1\frac{1}{2}y\right)$

$33\frac{54}{115}x^2 + 64\frac{153}{920}xy + 30\frac{11}{48}y^2$

490) $\left(1\frac{61}{62}x + 49\frac{4}{49}y\right)\left(9\frac{27}{28}x - 1\frac{56}{65}y\right)$

$19\frac{43}{56}x^2 - 291\frac{1145681}{2764580}xy - 91\frac{18}{49}y^2$

491) $\left(26\frac{13}{83}u - 1\frac{13}{18}v\right)\left(11\frac{2}{69}u + 26\frac{9}{10}v\right)$

$288\frac{2755}{5727}u^2 + 684\frac{159497}{257715}uv - 46\frac{59}{180}v^2$

492) $\left(\frac{11}{29}x + 31\frac{16}{55}y\right)\left(45\frac{35}{36}x + 49\frac{44}{63}y\right)$

$17\frac{457}{1044}x^2 + 1457\frac{3249}{8932}xy + 1555\frac{376}{3465}y^2$

493) $\left(1\frac{3}{13}x - 1\frac{13}{22}y\right)\left(x + 20\frac{47}{62}y\right)$

$1\frac{3}{13}x^2 + 23\frac{653}{682}xy - 33\frac{3}{124}y^2$

494) $\left(-90v + 3\frac{32}{97}u\right)\left(1\frac{31}{70}u + 1\frac{1}{2}v\right)$

$-124\frac{1171}{1358}vu - 135v^2 + 4\frac{5463}{6790}u^2$

495) $\left(1\frac{3}{4}a + 19\frac{43}{51}b\right)\left(41\frac{2}{3}a + 8\frac{33}{61}b\right)$

$72\frac{11}{12}a^2 + 841\frac{27779}{37332}ab + 169\frac{1493}{3111}b^2$

496) $\left(-42y + 7\frac{13}{20}x\right)\left(29\frac{43}{60}x + 31\frac{77}{86}y\right)$

$-1004\frac{173}{1720}yx - 1339\frac{26}{43}y^2 + 227\frac{133}{400}x^2$

497) $\left(5\frac{3}{5}x - 1\frac{61}{86}y\right)\left(\frac{1}{6}x - 89\frac{19}{20}y\right)$

$\frac{14}{15}x^2 - 504\frac{21}{4300}xy + 153\frac{1293}{1720}y^2$

498) $\left(-83b + \frac{7}{26}a\right)\left(6\frac{27}{28}a + 1\frac{21}{59}b\right)$

$-577\frac{14403}{21476}ba - 112\frac{32}{59}b^2 + 1\frac{7}{8}a^2$

499) $\left(31\dfrac{1}{33}x + 43\dfrac{47}{72}y\right)\left(1\dfrac{7}{74}x + \dfrac{16}{67}y\right)$

$33\dfrac{393}{407}x^2 + 55\dfrac{251725}{1308912}xy + 10\dfrac{256}{603}y^2$

500) $\left(1\dfrac{11}{41}m - 1\dfrac{16}{23}n\right)\left(90m - 1\dfrac{43}{87}n\right)$

$114\dfrac{6}{41}m^2 - 154\dfrac{41336}{82041}mn + 2\dfrac{356}{667}n^2$

501) $\left(\dfrac{1}{2}x + 1\dfrac{17}{52}y\right)\left(15\dfrac{37}{50}x + 25\dfrac{3}{16}y\right)$

$7\dfrac{87}{100}x^2 + 33\dfrac{4987}{10400}xy + 33\dfrac{27}{64}y^2$

502) $\left(10x + 1\dfrac{2}{9}y\right)\left(-y + 21\dfrac{66}{79}x\right)$

$16\dfrac{163}{237}xy + 218\dfrac{28}{79}x^2 - 1\dfrac{2}{9}y^2$

503) $\left(43\dfrac{10}{69}x - \dfrac{11}{93}y\right)\left(\dfrac{15}{38}x + \dfrac{14}{27}y\right)$

$17\dfrac{27}{874}x^2 + 22\dfrac{712711}{2194614}xy - \dfrac{154}{2511}y^2$

504) $\left(1\dfrac{12}{25}x + 34\dfrac{17}{39}y\right)\left(1\dfrac{8}{73}x + 41\dfrac{21}{25}y\right)$

$1\dfrac{1172}{1825}x^2 + 100\dfrac{78823}{593125}xy - 972\dfrac{564982}{593125}y^2$

505) $\left(35m - \dfrac{35}{53}n\right)\left(5\dfrac{29}{30}m + \dfrac{60}{77}n\right)$

$208\dfrac{5}{6}m^2 + 23\dfrac{1163}{3498}mn - \dfrac{300}{583}n^2$

506) $\left(46\dfrac{61}{83}x + 24\dfrac{58}{73}y\right)\left(1\dfrac{30}{41}x + 47\dfrac{21}{37}y\right)$

$80\dfrac{3169}{3403}x^2 - 70\dfrac{3446340}{9191503}xy - 222\dfrac{3791422}{9191503}y^2$

507) $\left(\dfrac{18}{97}x + 46\dfrac{3}{67}y\right)\left(1\dfrac{41}{93}x + \dfrac{53}{75}y\right)$

$\dfrac{804}{3007}x^2 + 66\dfrac{107174}{225525}xy + 32\dfrac{541}{1005}y^2$

508) $\left(47\dfrac{67}{90}u + 2\dfrac{11}{62}v\right)\left(\dfrac{29}{66}u + 2\dfrac{29}{35}v\right)$

$20\dfrac{5813}{5940}u^2 + 136\dfrac{1269}{238700}uv + 6\dfrac{69}{434}v^2$

509) $\left(50\dfrac{3}{5}u + 99\dfrac{31}{41}v\right)\left(48\dfrac{27}{82}u + 44\dfrac{33}{52}v\right)$

$2445\dfrac{189}{410}u^2 - 2747\dfrac{3203}{10660}uv + 4452\dfrac{613}{1066}v^2$

510) $\left(\dfrac{1}{6}x - \dfrac{41}{53}y\right)\left(13\dfrac{35}{62}x + 25\dfrac{1}{72}y\right)$

$2\dfrac{97}{372}x^2 - 6\dfrac{230197}{709776}xy - 19\dfrac{1337}{3816}y^2$

511) $\left(37x + 49\dfrac{33}{92}y\right)\left(7y + 19\dfrac{37}{49}x\right)$

$1234\dfrac{97}{1127}xy + 730\dfrac{46}{49}x^2 + 345\dfrac{47}{92}y^2$

512) $\left(46\dfrac{2}{19}a - \dfrac{8}{21}b\right)\left(1\dfrac{22}{35}a - \dfrac{3}{11}b\right)$

$75\dfrac{3}{35}a^2 - 13\dfrac{9963}{51205}ab + \dfrac{8}{77}b^2$

513) $\left(1\dfrac{24}{55}x + 1\dfrac{4}{13}y\right)\left(27\dfrac{28}{29}x - \dfrac{6}{35}y\right)$

$40\dfrac{269}{1595}x^2 + 36\dfrac{235177}{725725}xy - \dfrac{102}{455}y^2$

514) $\left(31\dfrac{17}{40}x + 1\dfrac{71}{89}y\right)\left(2\dfrac{9}{77}x + 1\dfrac{27}{41}y\right)$

$66\dfrac{1611}{3080}x^2 + 55\dfrac{2599407}{2809730}xy + 2\dfrac{3582}{3649}y^2$

515) $\left(\dfrac{28}{47}m + 37\dfrac{34}{69}n\right)\left(1\dfrac{17}{30}m + \dfrac{31}{58}n\right)$

$\dfrac{14}{15}m^2 + 59\dfrac{160997}{2821410}mn + 20\dfrac{157}{4002}n^2$

516) $\left(1\dfrac{2}{3}a - 1\dfrac{62}{83}b\right)\left(1\dfrac{51}{95}a - \dfrac{9}{37}b\right)$

$2\dfrac{32}{57}a^2 - 3\dfrac{5266}{58349}ab + \dfrac{1305}{3071}b^2$

517) $\left(35\dfrac{44}{61}m + 37\dfrac{51}{59}n\right)\left(40\dfrac{45}{91}m + \dfrac{1}{5}n\right)$

$-1176\dfrac{477951}{1637545}m^2 - 1082\dfrac{119221}{327509}mn + 7\dfrac{169}{295}n^2$

518) $\left(\dfrac{7}{34}x + 37\dfrac{83}{98}y\right)\left(28\dfrac{30}{53}x + 27\dfrac{32}{91}y\right)$

$5\dfrac{794}{901}x^2 + 17\dfrac{5779955}{8035118}xy - 33\dfrac{77067}{88298}y^2$

519) $\left(1\dfrac{2}{83}x - 1\dfrac{73}{84}y\right)\left(1\dfrac{3}{7}x + 27\dfrac{33}{34}y\right)$

$1\dfrac{269}{581}x^2 + 25\dfrac{11890}{12201}xy - 52\dfrac{265}{952}y^2$

520) $\left(38\dfrac{25}{76}x + 5\dfrac{21}{38}y\right)\left(84x + \dfrac{39}{56}y\right)$

$3219\dfrac{12}{19}x^2 + 493\dfrac{487}{4256}xy + 3\dfrac{1845}{2128}y^2$

521) $\left(18\dfrac{30}{89}x - \dfrac{13}{18}y\right)\left(36\dfrac{61}{74}x + 45\dfrac{4}{5}y\right)$

$675\dfrac{825}{3293}x^2 + 813\dfrac{143951}{592740}xy - 33\dfrac{7}{90}y^2$

522) $\left(1\dfrac{61}{97}u + 19\dfrac{57}{70}v\right)\left(7\dfrac{1}{3}u - 3\dfrac{10}{19}v\right)$

$11\dfrac{275}{291}u^2 + 139\dfrac{108536}{193515}uv - 69\dfrac{61}{70}v^2$

523) $\left(65x + 42\dfrac{23}{76}y\right)\left(3\dfrac{1}{3}x + 1\dfrac{7}{8}y\right)$

$216\dfrac{2}{3}x^2 + 262\dfrac{403}{456}xy + 79\dfrac{193}{608}y^2$

524) $\left(20\dfrac{10}{11}u - \dfrac{74}{85}v\right)\left(50u + 30\dfrac{19}{91}v\right)$

$1045\dfrac{5}{11}u^2 + 588\dfrac{1854}{17017}uv - 26\dfrac{2316}{7735}v^2$

525) $\left(21\dfrac{21}{26}a - \dfrac{55}{73}b\right)\left(32\dfrac{2}{71}a + 1\dfrac{1}{4}b\right)$

$698\dfrac{425}{923}a^2 + 3\dfrac{69429}{539032}ab - \dfrac{275}{292}b^2$

526) $\left(1\dfrac{1}{19}x - 3\dfrac{31}{99}y\right)\left(\dfrac{5}{13}x - \dfrac{1}{10}y\right)$

$\dfrac{100}{247}x^2 - 1\dfrac{9281}{24453}xy + \dfrac{164}{495}y^2$

527) $\left(1\dfrac{2}{3}x - \dfrac{45}{86}y\right)\left(20\dfrac{1}{18}x - 1\dfrac{49}{60}y\right)$

$33\dfrac{23}{54}x^2 - 13\dfrac{202}{387}xy + \dfrac{327}{344}y^2$

528) $\left(1\dfrac{19}{54}m + 1\dfrac{14}{15}n\right)\left(-11n + \dfrac{21}{52}m\right)$

$-14\dfrac{629}{7020}mn + \dfrac{511}{936}m^2 - 21\dfrac{4}{15}n^2$

529) $\left(25\dfrac{20}{39}a + 1\dfrac{8}{15}b\right)\left(37\dfrac{67}{72}a - \dfrac{4}{23}b\right)$

$967\dfrac{2009}{2808}a^2 + 53\dfrac{233527}{322920}ab - \dfrac{4}{15}b^2$

530) $\left(27\dfrac{40}{47}x + 50\dfrac{24}{35}y\right)\left(1\dfrac{16}{19}x + 1\dfrac{61}{86}y\right)$

$51\dfrac{272}{893}x^2 + 140\dfrac{74825}{76798}xy + 86\dfrac{137}{215}y^2$

531) $\left(92\dfrac{56}{61}x + \dfrac{2}{7}y\right)\left(1\dfrac{5}{7}x - 1\dfrac{2}{49}y\right)$

$159\dfrac{123}{427}x^2 - 96\dfrac{660}{2989}xy - \dfrac{102}{343}y^2$

532) $\left(\dfrac{13}{34}m + 7\dfrac{29}{100}n\right)\left(29\dfrac{4}{29}m + 25\dfrac{47}{75}n\right)$

$11\dfrac{139}{986}m^2 + 222\dfrac{31643}{147900}mn + 186\dfrac{1023}{1250}n^2$

533) $\left(1\dfrac{25}{82}x + 35\dfrac{62}{87}y\right)\left(38\dfrac{31}{56}x + 6\dfrac{39}{100}y\right)$

$50\dfrac{1413}{4592}x^2 + 95\dfrac{245269}{2496900}xy - 201\dfrac{2062873}{2496900}y^2$

534) $\left(15\dfrac{31}{96}x + 29\dfrac{67}{100}y\right)\left(32\dfrac{1}{72}x + \dfrac{32}{65}y\right)$

$108\dfrac{1791079}{11232000}x^2 - 189\dfrac{357737}{468000}xy + 14\dfrac{986}{1625}y^2$

535) $\left(33\dfrac{53}{75}x + 11\dfrac{41}{93}y\right)\left(46y + 64\dfrac{11}{13}x\right)$

$2292\dfrac{12164}{30225}xy + 2185\dfrac{243}{325}x^2 + 526\dfrac{26}{93}y^2$

536) $\left(\dfrac{13}{15}x + 49\dfrac{24}{31}y\right)\left(1\dfrac{51}{70}x + 21\dfrac{65}{96}y\right)$

$1\dfrac{523}{1050}x^2 + 104\dfrac{257813}{312480}xy + 1078\dfrac{2855}{2976}y^2$

537) $\left(1\dfrac{3}{4}u - \dfrac{11}{17}v\right)\left(1\dfrac{33}{64}u - \dfrac{8}{67}v\right)$

$2\dfrac{167}{256}u^2 - 1\dfrac{13825}{72896}uv + \dfrac{88}{1139}v^2$

538) $\left(2u - 3\dfrac{2}{3}v\right)\left(21\dfrac{25}{26}u + 21\dfrac{13}{17}v\right)$

$43\dfrac{12}{13}u^2 - 36\dfrac{1321}{1326}uv - 79\dfrac{41}{51}v^2$

539) $\left(17\frac{7}{25}x + 44\frac{9}{20}y\right)\left(1\frac{19}{27}x - \frac{27}{64}y\right)$

$29\frac{11}{25}x^2 + 68\frac{1187}{2700}xy - 18\frac{963}{1280}y^2$

540) $\left(14\frac{11}{12}x + \frac{33}{41}y\right)\left(4\frac{9}{13}x + 8\frac{38}{53}y\right)$

$69\frac{155}{156}x^2 + 133\frac{45483}{56498}xy + 7\frac{35}{2173}y^2$

541) $\left(18\frac{17}{33}a - \frac{1}{10}b\right)\left(28\frac{29}{54}a + 50\frac{21}{32}b\right)$

$528\frac{655}{1782}a^2 + 935\frac{2587}{47520}ab - 5\frac{21}{320}b^2$

542) $\left(1\frac{1}{10}x - \frac{7}{16}y\right)\left(1\frac{21}{86}x + 1\frac{9}{79}y\right)$

$1\frac{317}{860}x^2 + \frac{370129}{543520}xy - \frac{77}{158}y^2$

543) $\left(21\frac{3}{46}a + 1\frac{66}{89}b\right)\left(13\frac{10}{81}a - 2\frac{7}{68}b\right)$

$85\frac{5537057}{5637438}a^2 - 21\frac{588223}{1326456}ab - 3\frac{4009}{6052}b^2$

544) $\left(-48y + \frac{13}{54}x\right)\left(\frac{6}{11}x + 41\frac{13}{36}y\right)$

$-16\frac{4801}{21384}yx - 1985\frac{1}{3}y^2 + \frac{13}{99}x^2$

545) $\left(19\frac{33}{82}x + 1\frac{16}{57}y\right)\left(\frac{1}{5}x + 6\frac{27}{44}y\right)$

$3\frac{361}{410}x^2 + 128\frac{593129}{1028280}xy + 8\frac{393}{836}y^2$

546) $\left(\frac{15}{34}x - 1\frac{3}{5}y\right)\left(\frac{51}{64}x + \frac{3}{91}y\right)$

$\frac{45}{128}x^2 - 1\frac{16117}{61880}xy - \frac{24}{455}y^2$

547) $\left(\frac{65}{74}m - 1\frac{26}{47}n\right)\left(9\frac{5}{9}m - 1\frac{13}{20}n\right)$

$8\frac{131}{333}m^2 - 16\frac{36427}{125208}mn + 2\frac{529}{940}n^2$

548) $\left(24\frac{60}{61}m + 24\frac{38}{69}n\right)\left(13m - 1\frac{37}{96}n\right)$

$324\frac{48}{61}m^2 + 284\frac{18409}{33672}mn - 34\frac{43}{3312}n^2$

549) $\left(\frac{3}{4}x + 5\frac{9}{20}y\right)\left(\frac{11}{31}x - \frac{40}{43}y\right)$

$\frac{33}{124}x^2 + 1\frac{6297}{26660}xy - 5\frac{3}{43}y^2$

550) $\left(1\frac{1}{2}x + 44\frac{51}{76}y\right)\left(20\frac{59}{80}x - \frac{4}{35}y\right)$

$31\frac{17}{160}x^2 + 926\frac{8279}{42560}xy - 5\frac{2}{19}y^2$

551) $\left(-49v + 8\frac{6}{11}u\right)\left(23\frac{8}{35}u - \frac{16}{41}v\right)$

$-1141\frac{1206}{2255}vu + 19\frac{5}{41}v^2 + 198\frac{192}{385}u^2$

552) $\left(\frac{86}{89}x + 39\frac{27}{34}y\right)\left(40\frac{19}{22}x - \frac{3}{7}y\right)$

$39\frac{476}{979}x^2 + 1625\frac{30427}{42364}xy - 17\frac{13}{238}y^2$

553) $\left(46\frac{11}{18}x + 17\frac{7}{11}y\right)\left(9\frac{5}{93}x + 24\frac{19}{35}y\right)$

$422\frac{5}{837}x^2 + 1303\frac{138631}{214830}xy + 432\frac{326}{385}y^2$

554) $\left(39\frac{34}{39}a + 26\frac{17}{54}b\right)\left(1\frac{31}{47}a + 1\frac{3}{28}b\right)$

$66\frac{8}{47}a^2 + 87\frac{125513}{153972}ab + 29\frac{29}{216}b^2$

555) $\left(\frac{19}{47}x - 1\frac{2}{7}y\right)\left(\frac{25}{27}x + 36\frac{21}{43}y\right)$

$\frac{475}{1269}x^2 + 13\frac{23773}{42441}xy - 46\frac{275}{301}y^2$

556) $\left(-y + 13\frac{11}{32}x\right)\left(1\frac{1}{8}x - 1\frac{70}{73}y\right)$

$-27\frac{617}{2336}yx + 1\frac{70}{73}y^2 + 15\frac{3}{256}x^2$

557) $\left(1\frac{12}{25}u + 47\frac{23}{48}v\right)\left(48\frac{23}{36}u + 25\frac{37}{62}v\right)$

$71\frac{887}{900}u^2 - 859\frac{80087}{89280}uv + 1215\frac{311}{992}v^2$

558) $\left(42\frac{33}{53}a + 1\frac{10}{17}b\right)\left(\frac{12}{13}a + 1\frac{22}{35}b\right)$

$39\frac{237}{689}a^2 + 70\frac{360793}{409955}ab + 2\frac{349}{595}b^2$

559) $\left(\dfrac{53}{75}x + 19\dfrac{43}{50}y\right)\left(13\dfrac{5}{12}x - 1\dfrac{22}{71}y\right)$

$9\dfrac{433}{900}x^2 + 265\dfrac{7517}{14200}xy - 26\dfrac{49}{3550}y^2$

560) $\left(45\dfrac{19}{68}m - 3\dfrac{5}{14}n\right)\left(27\dfrac{1}{22}m + \dfrac{5}{67}n\right)$

$1224\dfrac{53}{88}m^2 - 87\dfrac{5217}{12529}mn - \dfrac{235}{938}n^2$

561) $\left(1\dfrac{56}{81}m - 1\dfrac{70}{93}n\right)\left(27\dfrac{1}{76}m + 41\dfrac{7}{33}n\right)$

$45\dfrac{4241}{6156}m^2 + 22\dfrac{2259635}{6297588}mn - 72\dfrac{712}{3069}n^2$

562) $\left(1\dfrac{1}{5}x - \dfrac{3}{4}y\right)\left(\dfrac{4}{43}x + 4\dfrac{61}{70}y\right)$

$\dfrac{24}{215}x^2 + 5\dfrac{5839}{7525}xy - 3\dfrac{183}{280}y^2$

563) $\left(1\dfrac{5}{96}x + 26\dfrac{38}{79}y\right)\left(14y + 1\dfrac{16}{25}x\right)$

$58\dfrac{14981}{94800}xy + 1\dfrac{1741}{2400}x^2 + 370\dfrac{58}{79}y^2$

564) $\left(32\dfrac{1}{4}x - 1\dfrac{11}{18}y\right)\left(\dfrac{73}{92}x + \dfrac{20}{81}y\right)$

$25\dfrac{217}{368}x^2 + 6\dfrac{3401}{4968}xy - \dfrac{290}{729}y^2$

565) $\left(-y + 37\dfrac{47}{88}x\right)\left(\dfrac{1}{5}x - 1\dfrac{6}{29}y\right)$

$-45\dfrac{6377}{12760}yx + 1\dfrac{6}{29}y^2 + 7\dfrac{223}{440}x^2$

566) $\left(1\dfrac{4}{5}x + \dfrac{42}{65}y\right)\left(-74y + 19\dfrac{31}{54}x\right)$

$-120\dfrac{323}{585}xy + 35\dfrac{7}{30}x^2 - 47\dfrac{53}{65}y^2$

567) $\left(\dfrac{13}{31}u - 1\dfrac{30}{47}v\right)\left(\dfrac{11}{29}u + 1\dfrac{3}{8}v\right)$

$\dfrac{143}{899}u^2 - \dfrac{15147}{338024}uv - 2\dfrac{95}{376}v^2$

568) $\left(52y + \dfrac{16}{39}x\right)\left(13y + 10\dfrac{29}{72}x\right)$

$676y^2 + 546\dfrac{5}{18}yx + 4\dfrac{94}{351}x^2$

569) $\left(30\dfrac{23}{25}x - 1\dfrac{29}{30}y\right)\left(7\dfrac{8}{31}x - \dfrac{9}{11}y\right)$

$224\dfrac{13}{31}x^2 - 39\dfrac{9759}{17050}xy + 1\dfrac{67}{110}y^2$

570) $\left(38\dfrac{13}{18}u + 32\dfrac{47}{98}v\right)\left(\dfrac{68}{77}u + 6\dfrac{36}{43}v\right)$

$34\dfrac{136}{693}u^2 + 293\dfrac{211826}{486717}uv + 222\dfrac{3}{43}v^2$

571) $\left(1\dfrac{1}{46}a + 16\dfrac{67}{81}b\right)\left(1\dfrac{11}{36}a + \dfrac{6}{25}b\right)$

$1\dfrac{553}{1656}a^2 + 22\dfrac{358831}{1676700}ab + 4\dfrac{26}{675}b^2$

572) $\left(50a + 1\dfrac{7}{38}b\right)\left(29\dfrac{10}{23}a + \dfrac{17}{29}b\right)$

$1471\dfrac{17}{23}a^2 + 64\dfrac{4241}{25346}ab + \dfrac{765}{1102}b^2$

573) $\left(36\dfrac{1}{53}x + 21\dfrac{7}{88}y\right)\left(1\dfrac{25}{48}x + 1\dfrac{17}{24}y\right)$

$54\dfrac{1981}{2544}x^2 + 93\dfrac{44081}{74624}xy + 36\dfrac{23}{2112}y^2$

574) $\left(1\dfrac{13}{67}x + 5\dfrac{4}{11}y\right)\left(1\dfrac{4}{15}x + 1\dfrac{8}{61}y\right)$

$1\dfrac{103}{201}x^2 + 8\dfrac{97487}{674355}xy + 6\dfrac{45}{671}y^2$

575) $\left(19\dfrac{5}{88}m + 24\dfrac{4}{25}n\right)\left(36m - 1\dfrac{6}{11}n\right)$

$686\dfrac{1}{22}m^2 + 840\dfrac{7467}{24200}mn - 37\dfrac{93}{275}n^2$

576) $\left(-2y + 1\dfrac{37}{82}x\right)\left(1\dfrac{50}{99}x + \dfrac{1}{5}y\right)$

$-2\dfrac{29219}{40590}yx - \dfrac{2}{5}y^2 + 2\dfrac{1495}{8118}x^2$

577) $\left(41\dfrac{31}{74}m + 38\dfrac{23}{58}n\right)\left(47\dfrac{13}{90}m + 27\dfrac{7}{8}n\right)$

$1952\dfrac{895}{1332}m^2 - 2594\dfrac{169951}{257520}mn + 1070\dfrac{141}{464}n^2$

578) $\left(\dfrac{11}{95}x + 7\dfrac{13}{82}y\right)\left(1\dfrac{37}{71}x - 1\dfrac{1}{3}y\right)$

$\dfrac{1188}{6745}x^2 + 10\dfrac{609496}{829635}xy - 9\dfrac{67}{123}y^2$

579) $\left(74\frac{2}{11}x - \frac{2}{7}y\right)\left(\frac{48}{49}x + 1\frac{15}{32}y\right)$

$72\frac{360}{539}x^2 + 108\frac{5091}{7546}xy - \frac{47}{112}y^2$

580) $\left(20\frac{1}{3}x - 1\frac{13}{17}y\right)\left(1\frac{34}{45}x - \frac{18}{19}y\right)$

$35\frac{94}{135}x^2 - 22\frac{350}{969}xy + 1\frac{217}{323}y^2$

581) $\left(\frac{14}{17}x + 42\frac{11}{12}y\right)\left(38\frac{19}{44}x + 19\frac{26}{75}y\right)$

$31\frac{243}{374}x^2 + 1665\frac{66889}{224400}xy + 830\frac{53}{180}y^2$

582) $\left(25\frac{23}{24}u + 4\frac{44}{85}v\right)\left(13\frac{28}{95}u + 5\frac{20}{77}v\right)$

$345\frac{83}{760}u^2 + 196\frac{422821}{710600}uv + 23\frac{997}{1309}v^2$

583) $\left(52x + 1\frac{9}{16}y\right)\left(1\frac{13}{29}x - 1\frac{23}{33}y\right)$

$75\frac{9}{29}x^2 - 85\frac{7499}{7656}xy - 2\frac{43}{66}y^2$

584) $\left(1\frac{32}{45}x - 1\frac{19}{21}y\right)\left(\frac{19}{99}x + 1\frac{19}{27}y\right)$

$\frac{133}{405}x^2 + 2\frac{51424}{93555}xy - 3\frac{139}{567}y^2$

585) $\left(33u + 5\frac{17}{60}v\right)\left(\frac{9}{19}u + 2\frac{41}{74}v\right)$

$15\frac{12}{19}u^2 + 86\frac{11057}{14060}uv + 13\frac{731}{1480}v^2$

586) $\left(1\frac{26}{33}a + 40\frac{8}{13}b\right)\left(36a - 1\frac{14}{17}b\right)$

$64\frac{4}{11}a^2 + 1458\frac{6517}{7293}ab - 74\frac{14}{221}b^2$

587) $\left(8\frac{49}{60}x + 21\frac{3}{46}y\right)\left(34\frac{29}{41}x - 1\frac{23}{25}y\right)$

$306\frac{7}{2460}x^2 + 714\frac{44599}{235750}xy - 40\frac{256}{575}y^2$

588) $\left(31\frac{13}{53}a + \frac{35}{44}b\right)\left(-93b + 34\frac{77}{82}a\right)$

$-2878\frac{3617}{191224}ab + 1091\frac{1477}{2173}a^2 - 73\frac{43}{44}b^2$

589) $\left(9\frac{13}{74}x + 4\frac{10}{13}y\right)\left(73\frac{11}{82}x + \frac{1}{23}y\right)$

$671\frac{335}{6068}x^2 + 349\frac{174687}{907166}xy + \frac{62}{299}y^2$

590) $\left(46\frac{23}{81}m - 1\frac{1}{3}n\right)\left(\frac{5}{39}m + 17\frac{26}{51}n\right)$

$5\frac{2950}{3159}m^2 + 810\frac{13531}{53703}mn - 23\frac{53}{153}n^2$

591) $\left(1\frac{5}{44}x - \frac{19}{21}y\right)\left(\frac{16}{33}x + 39\frac{5}{11}y\right)$

$\frac{196}{363}x^2 + 43\frac{7613}{15246}xy - 35\frac{23}{33}y^2$

592) $\left(47\frac{36}{95}m + 7\frac{43}{83}n\right)\left(-n + 1\frac{85}{92}m\right)$

$-32\frac{165909}{181355}mn + 91\frac{1337}{8740}m^2 - 7\frac{43}{83}n^2$

593) $\left(x + 2\frac{18}{29}y\right)\left(-58y + 10\frac{63}{80}x\right)$

$-29\frac{423}{580}xy + 10\frac{63}{80}x^2 - 152y^2$

594) $\left(61u + \frac{6}{11}v\right)\left(6\frac{7}{36}u - \frac{45}{59}v\right)$

$377\frac{31}{36}u^2 - 43\frac{571}{3894}uv - \frac{270}{649}v^2$

595) $\left(79x - \frac{52}{99}y\right)\left(1\frac{38}{85}x - 1\frac{23}{43}y\right)$

$114\frac{27}{85}x^2 - 122\frac{1916}{120615}xy + \frac{104}{129}y^2$

596) $\left(1\frac{5}{8}x + 1\frac{24}{29}y\right)\left(33x + \frac{9}{20}y\right)$

$53\frac{5}{8}x^2 + 61\frac{193}{4640}xy + \frac{477}{580}y^2$

597) $\left(21\frac{9}{31}u + \frac{4}{15}v\right)\left(32\frac{19}{36}u + 12\frac{15}{53}v\right)$

$692\frac{49}{93}u^2 + 270\frac{1313}{7155}uv + 3\frac{73}{265}v^2$

598) $\left(33\frac{17}{46}u + 32\frac{7}{38}v\right)\left(\frac{5}{7}u + 28\frac{1}{2}v\right)$

$23\frac{269}{322}u^2 + 974\frac{261}{12236}uv + 917\frac{1}{4}v^2$

599) $\left(\dfrac{2}{19}x - 33\dfrac{36}{43}y\right)\left(38\dfrac{9}{50}x + 1\dfrac{58}{71}y\right)$

$4\dfrac{9}{475}x^2 + 189\dfrac{380191}{2900350}xy - 61\dfrac{34}{71}y^2$

600) $\left(\dfrac{33}{52}x + 18\dfrac{13}{30}y\right)\left(49\dfrac{9}{34}x + 1\dfrac{1}{2}y\right)$

$31\dfrac{467}{1768}x^2 + 909\dfrac{343}{5304}xy + 27\dfrac{13}{20}y^2$