

Multiplying polynomials - Decimals - Simplify product of binomials and trinomials

Simplify decimal product with two variables:

1) $(1.3m - 1.5n)(7.7m^2 + 2.2mn + 3.4n^2)$

2) $(5x + 5.9y)(4.2x^2 - 3xy - 3.8y^2)$

3) $(5.8x - 7.86y)(5.98x^2 + 6xy + 7.2y^2)$

4) $(1.3x - 0.5y)(0.11x^2 - 3.8xy + 5y^2)$

5) $(6.979x - 4.8y)(4.2x^2 + 6.3xy - 2.3y^2)$

6) $(2.1x - 5.8y)(0.9x^2 + 4.9xy - 7.5y^2)$

7) $(2.1u - 4.7v)(3.16u^2 - 7.3uv + 6.5v^2)$

8) $(2.1x + 3.9y)(7.7x^2 - 1.8xy - 4.9y^2)$

9) $(6.5u + 5v)(3.1u^2 - 1.3uv - 3.6v^2)$

10) $(6.6x + 6y)(6.5x^2 + 7.6xy - 2.3y^2)$

11) $(2.9x - 0.3y)(5.3x^2 + xy + 0.4y^2)$

12) $(2.9a - 1.4b)(1.9a^2 - 8ab - b^2)$

13) $(7.3a + 0.7b)(3.02a^2 - 0.7ab + 0.7b^2)$

14) $(3.7x - 4.6y)(6.6x^2 + 3.7xy + 5.6y^2)$

15) $(3.7m - 5.7n)(3.2m^2 - 5.3mn + 4.3n^2)$

16) $(7.3x - 6.7y)(7.8x^2 - 5.7xy + 3y^2)$

17) $(6.2m - 2.5n)(3.2m^2 + 5.75mn + 5n^2)$

18) $(3x + 1.6y)(0.9x^2 + 5.8xy - 3.14y^2)$

19) $(2.4x - 5.13y)(6.22x^2 + 6.6xy - 7.1y^2)$

20) $(4.4x + 7.2y)(4.2x^2 + 6.4xy - 5.3y^2)$

21) $(0.8u + 0.8v)(3u^2 + 0.62uv - 7.9v^2)$

22) $(4.5x - 0.2y)(7.6x^2 + 6.9xy - 4y^2)$

23) $(0.8x + 1.9y)(5.93x^2 + 2.3xy - 4.56y^2)$

24) $(5.2u - 5.6v)(1.8u^2 - 6.9uv + 0.9v^2)$

25) $(7.12x + 7y)(6.7x^2 - 3.7xy + 5.3y^2)$

26) $(1.5a - 3.4b)(4.3a^2 + 2.5ab + 2.6b^2)$

27) $(4.083x - 5y)(4.4x^2 + 6.4xy - 2y^2)$

28) $(6a + 6.3b)(3a^2 + 7.11ab + 2.4b^2)$

29) $(6m - 0.1n)(1.8m^2 + 5.2mn + 7.8n^2)$

30) $(2.3x + 0.9y)(5.3x^2 + 5.7xy - 7y^2)$

31) $(1.328m - 5.9n)(6.9m^2 - 0.43mn - 6.447n^2)$

32) $(6x + 7.3y)(6.5x^2 - 3.7xy + 6.5y^2)$

33) $(6.8x + 3.1y)(1.56x^2 - 3.2xy - 7.8y^2)$

34) $(6.49x + 6.7y)(0.9x^2 + 2.3xy - 3.4y^2)$

35) $(3.1x - 3.3y)(6.6x^2 - 7.7xy - 1.7y^2)$

36) $(3.1x - 2.3y)(1.9x^2 + 1.3xy - 1.327y^2)$

37) $(7.5u + 6.4v)(5.4u^2 + 1.7uv + 0.9v^2)$

38) $(7.5x + 7.4y)(0.7x^2 - 0.03xy - 1.9y^2)$

39) $(3.06u - 2.7v)(3.4u^2 - 4.2uv + 2.5v^2)$

40) $(3.9x + 1.1y)(7.6x^2 + 4xy + 4.8y^2)$

41) $(3.9a + 2.1b)(2.9a^2 + 4.5ab + 6.1b^2)$

42) $(0.2x - 2.53y)(0.1x^2 + 7.4xy + 0.7y^2)$

43) $(0.2a - 4.3b)(5.254a^2 - 0.1ab + 4.1b^2)$

44) $(4.6x - 3.2y)(5.2x^2 + 6.8xy - 6y^2)$

45) $(4.7m - 2.2n)(0.5m^2 + 7.2mn - 1.43n^2)$

46) $(1.04x + 0.6y)(8x^2 - 0.7xy - 3.93y^2)$

47) $(m + 7.6n)(3m^2 + 0.5mn - 2.1n^2)$

48) $(5.4x - 7.5y)(6.4x^2 - 7.51xy - 6.1y^2)$

49) $(5.4x + 1.2y)(1.8x^2 - 6.2xy + 0.5y^2)$

50) $(1.8x + 0.807y)(0.59x^2 + 1.8xy - 3.525y^2)$

51) $(1.8x + 3.3y)(0.6x^2 + 3.3xy + 3.1y^2)$

52) $(1.8u + 4.3v)(4u^2 - 3.9uv + 4.4v^2)$

53) $(6.2x - 3.1y)(7.5x^2 - 3.4xy + 5.7y^2)$

54) $(6.2u - 2v)(2.8u^2 + 5.5uv + 7v^2)$

55) $(2.5x - y)(6.3x^2 - 6.65xy - 7.5y^2)$

56) $(2.6a + 7.7b)(5.3a^2 - 1.1ab - 6.4b^2)$

57) $(7x - 4.84y)(3x^2 - 5.1xy + 3.82y^2)$

58) $(7a - 6.3b)(4.1a^2 - 7.8ab - 3.8b^2)$

59) $(3.679x + 1.633y)(4.2x^2 - 2.5xy + 7.07y^2)$

60) $(3.3m + 3.4n)(2.9m^2 + 1.6mn - 1.2n^2)$

61) $(7.7x + 4.5y)(6.3x^2 + 0.17xy + 2.8y^2)$

62) $(7.8x - 1.9y)(5.1x^2 - 4.6xy + 2.7y^2)$

63) $(4.1x - 0.9y)(0.5x^2 + 4.3xy + 6.94y^2)$

64) $(7.8m - 3n)(7.17m^2 - 7.2mn + 7.2n^2)$

65) $(4.1x - 2.38y)(7.2x^2 - 0.1xy + 6.66y^2)$

66) $(2.63x - 3.7y)(6x^2 + 5.4xy - 7.3y^2)$

67) $(0.4u - 6.2v)(6.4u^2 - 1.9uv + 8v^2)$

68) $(4.9x + 2.5y)(1.7x^2 + 7.1xy - 6.8y^2)$

69) $(4.9u + 3.5v)(5.2u^2 + 7.5uv - 5.5v^2)$

70) $(1.2x + 4.6y)(0.5x^2 + 0.4xy - 4.2y^2)$

71) $(5.527a + 3.1b)(4.8a^2 - 1.1ab - 7.75b^2)$

72) $(5.6x - 7.15y)(3.7x^2 + 4.45xy - 4.1y^2)$

73) $(0.6a - 0.5b)(2.5a^2 - 7.1ab + 7.4b^2)$

74) $(5.7x + 0.3y)(6.2x^2 + 3.1xy + y^2)$

75) $(2m - 7.1n)(1.6m^2 - 3.705mn + 0.1n^2)$

76) $(2x - 6.1y)(6.957x^2 - 7.7xy + 4.5y^2)$

77) $(6.4m - 5n)(4.1m^2 - 3.1mn + 5n^2)$

78) $(5.19x + 6.3y)(5x^2 + 2.4xy - 2.8y^2)$

79) $(2.7x + 4.7y)(2.8x^2 + 6.3xy + 7.6y^2)$

80) $(2.8x + 3.538y)(7.1x^2 - 3.6xy + 6y^2)$

81) $(7.2x + 2.56y)(6x^2 - 6.6xy - 5.7y^2)$

82) $(7.2u - 0.6v)(6.16u^2 - 1.1uv - 1.3v^2)$

83) $(3.5x + 0.4y)(0.4x^2 - 7xy - 3.3y^2)$

84) $(3.5u - 7v)(3.9u^2 + 1.9uv + 0.787v^2)$

85) $(3.6x - 6y)(7.3x^2 + 2.4xy - 0.7y^2)$

86) $(8a - 4.9b)(2.7a^2 - 4.8ab + 0.6b^2)$

87) $(8x + 6.54y)(7.3x^2 - 7.6xy + 4.7y^2)$

88) $(4.3a - 2.22b)(3.332a^2 + 3.3ab + 1.2b^2)$

89) $(4.3x + 5.9y)(0.5x^2 + 5.1xy + 4.6y^2)$

90) $(0.6m + 6.9n)(3.9m^2 - 2mn + 5.9n^2)$

91) $(0.7x - 0.5y)(7.4x^2 - 1.6xy + 7.2y^2)$

92) $(5.1m + 0.5n)(0.25m^2 + 1.9mn + 5.86n^2)$

93) $(2.19x - 4.7y)(5x^2 + 5.41xy + 3.838y^2)$

94) $(1.4x - 5.8y)(1.5x^2 + 0.7xy - 5y^2)$

95) $(1.4x - 3.097y)(2.7x^2 - 7.1xy + 7.7y^2)$

96) $(1.4x + 0.83y)(3.21x^2 - 2.4xy - 8y^2)$

97) $(5.9u + 4.9v)(3.8u^2 - 5.5uv - 1.1v^2)$

98) $(5.9x + 6y)(7.2x^2 + 3.14xy + 4.8y^2)$

99) $(2.2u + 7v)(6.2u^2 + 3.9uv + 1.6v^2)$

100) $(0.17x - 1.5y)(5.2x^2 + 2.5xy - 2.5y^2)$

101) $(0.4a - 0.6b)(8.8a^2 - 4.2ab + 3.27b^2)$

102) $(10.4x - 0.23y)(2.98x^2 + 2.8xy + 8y^2)$

103) $(4x - 9.27y)(6.6x^2 + 7.6xy + 0.3y^2)$

104) $(6.1a - 8.451b)(8.9a^2 - 4.1ab - 4.1b^2)$

105) $(8.77m - 4.4n)(4.3m^2 - 4.7mn + 4.7n^2)$

106) $(9.6x + 2.6y)(1.9x^2 + 7.1xy + 9.1y^2)$

107) $(6.23m + 9.7n)(11.7m^2 - 5.2mn - 10.5n^2)$

108) $(3.1x - 8.8y)(9.6x^2 - 5.216xy - 6.1y^2)$

109) $(1.1x + 10.4y)(8.5x^2 + 1.5xy - 4.3y^2)$

110) $(6.7x - 9.805y)(2.4x^2 - 9.19xy + 7.1y^2)$

111) $(6.76u - 2.3v)(9.9u^2 - 7.065uv + 4.6v^2)$

112) $(0.2x - 7.3y)(7.2x^2 + 4.3xy + 8.8y^2)$

113) $(8.8x + 10.24y)(4.7x^2 + 5.3xy + 2.7y^2)$

114) $(1.5a + 3b)(9.2a^2 - 6ab - 11.5b^2)$

115) $(5.9x + 7.1y)(0.5x^2 + 5.7xy + 3.3y^2)$

116) $(8u + 11.9v)(3.8u^2 - 9.46uv - 3.8v^2)$

117) $(11.5x + 5.45y)(10.3x^2 - 9.3xy + 6.1y^2)$

118) $(5x - 11.159y)(5.7x^2 - 10.7xy - 5.9y^2)$

119) $(9.4a - 3.3b)(8a^2 + 2.5ab - 10.3b^2)$

120) $(3m + 8.6n)(10.2m^2 - 3.2mn + 1.7n^2)$

121) $(10.7x + 3.7y)(6.302x^2 - 11.2xy + 2.9y^2)$

122) $(4.2x - 5.2y)(0.1x^2 + 11.4xy + 5.5y^2)$

123) $(8.6m - 0.3n)(3.5m^2 - 1.7mn - 3.8n^2)$

124) $(2.1x - 10y)(8.9x^2 + 7.08xy - 8y^2)$

125) $(9.8x - 8.09y)(1.5x^2 + 11.1xy - 3.6y^2)$

126) $(3.4u - 1.58v)(8.9u^2 + 10.6uv + 5.2v^2)$

127) $(7.8x + 7.17y)(11.3x^2 - 1.2xy + 0.8y^2)$

128) $(1.3x - 4.5y)(7.6x^2 + 2.5xy + 3.8y^2)$

129) $(11.3u - 8.5v)(4.2u^2 - 8.4uv - 11v^2)$

130) $(6.9x + 10.7y)(3.1x^2 + 3.9xy - 1.6y^2)$

131) $(4.8a + 5.9b)(1.89a^2 + 8.8ab - 1.2b^2)$

132) $(3.72x - 9.37y)(6x^2 - 7.1xy - 3.1y^2)$

133) $(10.5a + 2.38b)(7.1a^2 + 6.29ab - 5.6b^2)$

134) $(2.187x + 10.3y)(4.37x^2 + 11.5xy + 6.11y^2)$

135) $(11.7x + 7.4y)(7.2x^2 + 9xy + 6y^2)$

136) $(4m - 11.9n)(10.6m^2 - 4.2mn - 3.3n^2)$

137) $(9.6m + 2.5n)(9.82m^2 + 6.4mn + 1.1n^2)$

138) $(5.3x - 1.5y)(0.5x^2 + 10.4xy + 0.5y^2)$

139) $(10.31x - 1.8y)(2.9x^2 + 5.9xy + 9.9y^2)$

140) $(1.1x + 5.766y)(0.6x^2 - 7.2xy - 0.78y^2)$

141) $(8.8x + 9.693y)(10.4x^2 + 4.6xy - 5.4y^2)$

142) $(6.7u + 4.1v)(8u^2 - 7.7uv - 5.73v^2)$

143) $(2.3x - 0.8y)(10.2x^2 + 1.5xy - 1.1y^2)$

144) $(2.24u + 10.3v)(3.4u^2 - 8.2uv + 7.8v^2)$

145) $(8x - 9.7y)(3.5x^2 + 2.9xy - 6.6y^2)$

146) $(8.036a + 0.4b)(8.5a^2 - 9.5ab - 7.5b^2)$

147) $(1.5x - 7.2y)(6.478x^2 - 0.48xy + 10.1y^2)$

148) $(11.5a + 4.412b)(2.223a^2 - 3.6ab + 0.9b^2)$

149) $(7.2x - 0.69y)(1.5x^2 + 1.7xy + 5.7y^2)$

150) $(0.7x + 11y)(4.787x^2 - 4.78xy - 7.4y^2)$

151) $(5.1m - 9.45n)(11.3m^2 - 10.6mn + 10.2n^2)$

152) $(10.7m + 6.2n)(6.5m^2 - 3.8mn + 9.6n^2)$

153) $(0.638x - 4.708y)(0.6x^2 - 5.2xy + 11.7y^2)$

154) $(4.2x - 2.7y)(11.9x^2 - 2.4xy + 4.1y^2)$

155) $(2.2x + 3.27y)(11.8x^2 - 0.6xy + 8.1y^2)$

156) $(9.9x + 3.058y)(9.5x^2 + 10.4xy + 8.99y^2)$

157) $(7.8u + 9.78v)(4.8u^2 - 1.9uv - 7.2v^2)$

158) $(3.4x + 2.8y)(10.6x^2 + 0.5xy - 7.953y^2)$

159) $(1.3u - 2v)(7.3u^2 - 11.3uv + 2.4v^2)$

160) $(9x - 6.8y)(3.9x^2 + 1.9xy + 5.25y^2)$

161) $(7a - 10.9b)(0.5a^2 - 9.8ab - 3.1b^2)$

162) $(2.6x + 8.4y)(11.6x^2 + 3.3xy + 6.3y^2)$

163) $(0.5a - 10.27b)(3a^2 - 4.3ab - 4.9b^2)$

164) $(10.5x + 1.704y)(0.6x^2 + 7.5xy - 0.5y^2)$

165) $(6.1m - 3.77n)(10.4m^2 - 4.8mn + 3.9n^2)$

166) $(5.25x - 1.2y)(9.17x^2 - 4.7xy - 0.9y^2)$

167) $(11.8m + 9.9n)(6.9m^2 - 5.6mn - 7.557n^2)$

168) $(9.7x + 5y)(3.6x^2 + 7.6xy - 10.2y^2)$

169) $(5.3x + 0.2y)(0.2x^2 - 4.2xy - 0.9y^2)$

170) $(3.2x - 3.9y)(2.84x^2 + 5.2xy + 1.8y^2)$

171) $(10.9x + 0.2y)(6.2x^2 - 7.1xy + 6.3y^2)$

172) $(8.8u + 0.35v)(4.81u^2 + 3uv + 7.3v^2)$

173) $(2.385x + 0.9y)(1.6x^2 - 7.32xy + 4y^2)$

174) $(2.4u + 1.7v)(9.9u^2 + 2.22uv - 4.6v^2)$

175) $(0.3x - 3.2y)(6.6x^2 + 0.1xy + 6.8y^2)$

176) $(8a - 7.2b)(3.2a^2 - 10.9ab - 8b^2)$

177) $(5.9x + 12y)(12x^2 + 1.5xy + 1.3y^2)$

178) $(0.396a - 11.1b)(2a^2 + 1.5ab - 11.1b^2)$

179) $(11.6x + 10.67y)(11.8x^2 - 10.8xy - 11.426y^2)$

180) $(5.1x - 6.5y)(10.6x^2 + 4.3xy - 9.7y^2)$

181) $(9.84m + 3n)(3.01m^2 + 5.1mn + 8.9n^2)$

182) $(0.7m - 11.4n)(7.3m^2 - 6.6mn - 0.4n^2)$

183) $(10.7x + 8.7y)(6.2x^2 + 5.8xy + 9y^2)$

184) $(6.4x + 3.8y)(2.9x^2 - 5.25xy - 8.8y^2)$

185) $(4.999x - 9.8y)(5.09x^2 + 3.5xy - 5.2y^2)$

186) $(2.2x + 5.88y)(10.66x^2 - 7.31xy - 7.9y^2)$

187) $(9.9u - 2.88v)(3u^2 + 10.5uv + 4.4v^2)$

188) $(7.8x - 11.63y)(0.7x^2 - 2.6xy + 8.8y^2)$

189) $(3.4u + 5.3v)(10.3u^2 + 10uv - 7.5v^2)$

190) $(9.1a - 4.4b)(3.6a^2 + 11.4ab + 11.1b^2)$

191) $(1.4x + 0.5y)(9.28x^2 - 3.1xy - 6.5y^2)$

192) $(7x - 8.4y)(0.2x^2 + 0.5xy - 3.7y^2)$

193) $(2.6a + 10.8b)(11.3a^2 - 11.3ab - 4.22b^2)$

194) $(0.5x - 7.66y)(8.6x^2 + 3.65xy - 6.1y^2)$

195) $(8.2m + 7.59n)(6.3m^2 + 6.8mn - 8.5n^2)$

196) $(6.2x - 2.9y)(5.2x^2 - 5.5xy - 4.1y^2)$

197) $(4.1m - 7.7n)(10m^2 - 8.4mn - 2.46n^2)$

198) $(11.8x + 11.5y)(6.6x^2 + 4.7xy + 4y^2)$

199) $(9.7x + 7.5y)(3.3x^2 - 7xy - 10.8y^2)$

200) $(5.501x + 1.5y)(6.7x^2 - 7.3xy - 5.261y^2)$

201) $(14x + 7.921y)(8.9x^2 - 16.9xy + 6.8y^2)$

202) $(11.6u + 18.4v)(18.2u^2 + 9.9uv - 10.518v^2)$

203) $(6.1u - 11.4v)(17.7u^2 - 5.5uv + 10.074v^2)$

204) $(7.38x - 7.02y)(15.2x^2 + 8.9xy + 13.7y^2)$

205) $(8.6x + 10.06y)(6.9x^2 - 3.4xy + 15.6y^2)$

206) $(0.6a + 17.8b)(16.19a^2 - 14.6ab - 11.3b^2)$

207) $(14.8a + 6.9b)(16.5a^2 + 5.4ab + 4.6b^2)$

208) $(13.38x + 6.7y)(1.7x^2 + 12.1xy - 6.9y^2)$

209) $(9.3m + 4.86n)(8m^2 + 0.9mn + 6.3n^2)$

210) $(12.3x + 6.567y)(19.3x^2 + 13.51xy - 1.02y^2)$

$$211) (3.35m + 16.6n)(3.84m^2 - 14.5mn + 9.1n^2)$$

$$212) (6.8x - 15.1y)(5.5x^2 - 18.79xy + 10.7y^2)$$

$$213) (1.3x + 2.7y)(4.9x^2 - 16.7xy + 10.8y^2)$$

$$214) (19.39x - 14.57y)(19.2x^2 - 4xy - 2.8y^2)$$

$$215) (13x - 19.3y)(3.122x^2 + 3.16xy - 14.7y^2)$$

$$216) (16x - 8.2y)(3.8x^2 + 8.8xy - 18.7y^2)$$

$$217) (10.5u + 5.212v)(9.6u^2 + 16.7uv - 2.9v^2)$$

$$218) (7.5x - 8.68y)(11.154x^2 + 17.1xy + 17.38y^2)$$

$$219) (2.1x - 12.4y)(12.3x^2 - 1.9xy - 12.5y^2)$$

$$220) (19.2a - 12.1b)(1.9a^2 - 18.24ab + 14.7b^2)$$

$$221) (19.41u + 9.8v)(7u^2 - 9.9uv + 5.9v^2)$$

$$222) (13.7a + 5.7b)(1.3a^2 - 9.4ab + 10.911b^2)$$

$$223) (16.7x + 16.8y)(11.7x^2 - 16.4xy - 2y^2)$$

$$224) (11.2x - 0.069y)(11.2x^2 - 7.7xy - 12.2y^2)$$

$$225) (8.3m + 3.858n)(20m^2 + 7.7mn + 7.156n^2)$$

$$226) (0.3x + 12.9y)(9.4x^2 + 20xy - 10.5y^2)$$

$$227) (2.8m - 16.1n)(19.7m^2 + 0.061mn - 14.103n^2)$$

$$228) (17.4x + 1.7y)(18.28x^2 - 5.4xy - 2.593y^2)$$

$$229) (5.41x - 14.875y)(11.5x^2 + 19.1xy - 11.4y^2)$$

$$230) (14.4u + 2v)(8.8u^2 + 5.4uv + 14.2v^2)$$

$$231) (12x - 9.2y)(18.5x^2 + 12.5xy - 14.8y^2)$$

232) $(9u + 5.73v)(9.34u^2 + 13uv + 13.52v^2)$

233) $(6.5x + 4.99y)(9.7x^2 + 10.2xy - 12.7y^2)$

234) $(x - 2.2y)(16.8x^2 - 16.7xy + 6.2y^2)$

235) $(3.5u + 8.9v)(7.5u^2 + 16.4uv + 13.88v^2)$

236) $(18.1a - 13.4b)(6.4a^2 + 1.8ab - 8.5b^2)$

237) $(15.7x - 13.1y)(16.2x^2 - 18.9xy + 5y^2)$

238) $(12.7a + 15.8b)(5.8a^2 - 12.8ab + 2b^2)$

239) $(7.2m - 7.81n)(11.3m^2 - 14.2mn + 18.2n^2)$

240) $(16.92x - 13.7y)(2.6x^2 - 0.9xy + 13.8y^2)$

241) $(2.91x + 9.8y)(12.2x^2 + 16.97xy + 4.8y^2)$

242) $(1.7m - 17.3n)(4.6m^2 - 1.9mn - 17.1n^2)$

243) $(18.9x - 17.1y)(14.3x^2 + 5.2xy + 17.85y^2)$

244) $(16.4x + 11.9y)(4x^2 - 6.152xy - 4.3y^2)$

245) $(13.4u + 0.7v)(3.768u^2 - 11.9uv + 0.1v^2)$

246) $(7.9u + 19.4v)(12.9u^2 - 9.8uv + 8.9v^2)$

247) $(5.4x + 18.66y)(1.6x^2 + 17xy - 19.41y^2)$

248) $(2.92x + 19.7y)(3.7x^2 + 14.9xy + 4.5y^2)$

249) $(2.5u + 7.7v)(4.826u^2 - 2.56uv + 3v^2)$

250) $(15.3x - 13.7y)(12.3x^2 - 15.1xy + 11.4y^2)$

251) $(15.43a + 18.1b)(7.8a^2 + 17.1ab - 13.6b^2)$

252) $(14.1x - 14.4y)(x^2 + 5.4xy + 12.188y^2)$

253) $(8.94a + 12.9b)(5.3a^2 + 19.2ab - 4.8b^2)$

254) $(8.7x + 14.9y)(0.4x^2 - 1.01xy - 0.4y^2)$

255) $(6.2m + 5.86n)(2.7m^2 - 7.4mn + 4n^2)$

256) $(3.2x + 5.12y)(19.96x^2 + 16.4xy - 13y^2)$

257) $(0.7m - 7.2n)(9.1m^2 - 16.7mn + 1.6n^2)$

258) $(15.3x - 18.1y)(3.08x^2 + 8.2xy - 18.4y^2)$

259) $(17.8x - 18.3y)(18.8x^2 + 1.8xy - 13.1y^2)$

260) $(12.4u + 10.9v)(18.2u^2 - 2.2uv - 14v^2)$

261) $(9.9x - 0.2y)(7.9x^2 + 5.7xy - 17.4y^2)$

262) $(6.9u - 10.6v)(4.3u^2 + 8.4uv - 5.2v^2)$

263) $(3.9x - 7.68y)(13.1x^2 - 16.3xy - 0.8y^2)$

264) $(1.4u + 17.8v)(17u^2 - 0.46uv + 3.6v^2)$

265) $(18.5x + 18.1y)(7.54x^2 - 2.8xy + 8y^2)$

266) $(16.1a + 6.9b)(16.4a^2 - 16.4ab - 11.2b^2)$

267) $(13.1x - 4.2y)(5.5x^2 + 2xy + 14.1y^2)$

268) $(10.6a - 15.3b)(15.3a^2 + 9.1ab - 0.6b^2)$

269) $(7.6x - 15.1y)(4.9x^2 - 12.6xy - 19.831y^2)$

270) $(5.1m - 16.047n)(14.7m^2 + 3.31mn + 17.9n^2)$

271) $(2.1x + 18.79y)(3.4x^2 - 13.9xy - 2.71y^2)$

272) $(19.8m + 3n)(14m^2 + 20mn - 19.7n^2)$

273) $(6.45x - 10.6y)(0.8x^2 - 1.13xy - 14.3y^2)$

274) $(13.8x - 19.3y)(13.4x^2 + 5.4xy - 9.2y^2)$

275) $(11.3u - 19v)(2.47u^2 + 1.7uv + 19.83v^2)$

276) $(8.3x + 9.9y)(12.8x^2 - 9.2xy + 1.3y^2)$

277) $(5.8u - 1.2v)(2u^2 - 12.43uv + 14.9v^2)$

278) $(0.4u - 12.1v)(1.4u^2 - 5.3uv - 2.9v^2)$

279) $(2.9x - 17.401y)(4.5x^2 + 1.9xy - 3.5y^2)$

280) $(12.46x - 17.4y)(2.4x^2 + 4xy + 5.3y^2)$

281) $(15a + 17.1b)(0.8a^2 - 19.9ab + 7.6b^2)$

282) $(12x + 6y)(10.5x^2 - 12.8xy - 12.58y^2)$

283) $(9.5a - 5.2b)(0.1a^2 + 5.7ab + 18.1b^2)$

284) $(6.6x - 4.9y)(9.9x^2 + 12.7xy + 3.3y^2)$

285) $(4.96m - 18.9n)(6.1m^2 + 6.2mn - 12.8n^2)$

286) $(1.1x - 18.755y)(14.9x^2 - 7.1xy - 8.4y^2)$

287) $(18.47m + 11.144n)(11.625m^2 - 4mn - 10.4n^2)$

288) $(15.7x + 2y)(8.967x^2 - 8.329xy - 15.1y^2)$

289) $(12.8x - 9.1y)(17.9x^2 + 2xy - 9.5y^2)$

290) $(10.3u + 19.8v)(7.6u^2 + 9.1uv - 5.2v^2)$

291) $(7.3x - 20y)(17.3x^2 - 0.199xy + 13.6y^2)$

292) $(15.104u + 14.4v)(7.7u^2 + 10.78uv + 12.5v^2)$

293) $(1.8x - 12.75y)(16.5x^2 + 8.7xy - 17.7y^2)$

294) $(19.4a - 2b)(6.3a^2 + 20ab + 15.8b^2)$

295) $(16.5x - 13.1y)(16.1x^2 - 1.6xy + y^2)$

296) $(13.5a + 15.9b)(5.7a^2 + 5.4ab - 13.8b^2)$

297) $(11x + 16.1y)(15.5x^2 + 16.77xy - 0.1y^2)$

298) $(8a + 5b)(4.56a^2 + 10.9ab - 11.07b^2)$

299) $(5.5x - 6.2y)(14.4x^2 + 9.3xy - 18.1y^2)$

300) $(2.5m - 5.9n)(4m^2 + 16.4mn + 7.3n^2)$

301) $(27.7x + 23.76y)(17.4x^2 + 33.3xy + 7.8y^2)$

302) $(40.3m + 45.2n)(27.1m^2 + 35.1mn + 9.2n^2)$

303) $(35.7x + 32.5y)(26.62x^2 - 9.3xy + 21y^2)$

$$304) (23.1x - 24.4y)(37.7x^2 - 34.41xy + 16.6y^2)$$

$$305) (31.1x - 6.7y)(19.6x^2 - 14xy - 50y^2)$$

$$306) (43.8u - 49.8v)(30.2u^2 + 47.35uv + 34.2v^2)$$

$$307) (18.5u - 37.1v)(8.9u^2 + 36.6uv - 35.2v^2)$$

$$308) (26.6x - 19.3y)(15.958x^2 + 7.5xy + 38.6y^2)$$

$$309) (39.2a + 11.1b)(31.2a^2 - 12.5ab + 5.7b^2)$$

$$310) (22x - 32y)(41.9x^2 + 37.1xy - 30.25y^2)$$

$$311) (34.6a - 1.6b)(2.4a^2 + 13ab - 23.8b^2)$$

$$312) (48.5x - 46.9y)(24.1x^2 + 24.2xy - 43.9y^2)$$

$$313) (30.1a - 14.3b)(23.7a^2 + 38.5ab + 46.7b^2)$$

$$314) (20.209x + 37.7y)(10x^2 - 4.2xy - 35.1y^2)$$

$$315) (25.5m + 46.7n)(45m^2 - 36.1mn + 17.1n^2)$$

$$316) (8.3x - 42.59y)(25.8x^2 + 41xy - 26.3y^2)$$

$$317) (33.5x - 35.7y)(44.5x^2 + 12.6xy - 17.5y^2)$$

$$318) (44.52x - 0.9y)(49.4x^2 - 1.6xy - 38.942y^2)$$

$$319) (29u - 48.4v)(27.8u^2 - 44.653uv - 8.7v^2)$$

$$320) (20.9m + 34n)(16.2m^2 - 10.5mn - 47.717n^2)$$

$$321) (11.8x - 17.9y)(38.5x^2 + 40.5xy + 28.4y^2)$$

$$322) (24.4u + 12.6v)(49.1u^2 - 10uv + 13.7v^2)$$

$$323) (7.2x - 30.6y)(9.6x^2 - 34.1xy - 1.1y^2)$$

$$324) (14.6a - 13.1b)(38.6a^2 + ab + 9b^2)$$

$$325) (2.7x + 30.3y)(30.9x^2 - 8.6xy - 30.7y^2)$$

$$326) (48.2x + 17.6y)(2.1x^2 + 17xy + 39.8y^2)$$

$$327) (10.7a + 48.1b)(12.8a^2 - 33.6ab - 22.32b^2)$$

$$328) (14.056a - 28.5b)(24.6a^2 - 27.5ab + 17.8b^2)$$

$$329) (23.3x + 5y)(23.4x^2 + 42.5xy + 10.2y^2)$$

$$330) (1.6m + 22.7n)(35.1m^2 + 17.5mn - 34.1n^2)$$

$$331) (18.8x - 34.2y)(24.4x^2 - 32.1xy - 19.4y^2)$$

$$332) (6.2m + 35.4n)(13.8m^2 + 44.02mn + 35.4n^2)$$

$$333) (14.2x - 46.9y)(45.7x^2 - 6.6xy - 48.9y^2)$$

$$334) (47.1x - 16.5y)(5.385x^2 + 6.1xy - 47.1y^2)$$

$$335) (9.6u + 40.5v)(16.9u^2 + 18.9uv + 21.6v^2)$$

$$336) (42.6x - 29.1y)(27.5x^2 + 2.82xy - 38.3y^2)$$

337) $(5.1u + 1.3v)(38.2u^2 + 44.4uv - 8v^2)$

338) $(38x - 41.8y)(48.8x^2 - 6.1xy - 22.8y^2)$

339) $(0.5a - 11.4b)(9.4a^2 - 30.1ab - 37.6b^2)$

340) $(13.1x + 19.1y)(20x^2 - 15.44xy - 20.7y^2)$

341) $(46a + 49.5b)(10.4a^2 - 4.6ab + 32.9b^2)$

342) $(8.6x + 6.4y)(21x^2 + 44.9xy + 18.1y^2)$

343) $(41.5a + 36.9b)(31.7a^2 + 20.9ab + 3.4b^2)$

344) $(4x - 32.8y)(38.79x^2 + 11.2xy - 42.526y^2)$

345) $(36.9m + 24.2n)(2.8m^2 + 46.4mn - 14.83n^2)$

346) $(38.03x - 3.4y)(1.9x^2 - 19.07xy + 46.6y^2)$

347) $(32.3m - 15n)(0.098m^2 - 31.4mn + 10.2n^2)$

348) $(19.161x - 18.9y)(27.36x^2 + 29.5xy - 3.7y^2)$

349) $(27.8x - 27.7y)(45.4x^2 - 2.6xy + 14.7y^2)$

350) $(40.4u + 2.8v)(6u^2 + 46.9uv - 0.1v^2)$

351) $(2.9x - 40.4y)(46.4x^2 + 22.9xy - 14.9y^2)$

352) $(35.8u - 9.9v)(7u^2 - 27.7uv - 29.7v^2)$

353) $(8.406x - 31y)(19.93x^2 - 44.5xy - 39.4y^2)$

354) $(31.3a - 22.6b)(28.2a^2 - 2.1ab - 10.87b^2)$

355) $(43.9x + 7.9y)(38.9x^2 - 26.2xy + 26.1y^2)$

356) $(26.7a + 38.3b)(49.5a^2 + 23.4ab - 9.99b^2)$

$$357) (39.3x - 31.3y)(35.93x^2 - 26.3xy - 45.9y^2)$$

$$358) (30.418m + 30.4n)(16.5m^2 - 40.5mn - 41.5n^2)$$

$$359) (34.8x - 44y)(31.4x^2 + 24.8xy - 33.1y^2)$$

$$360) (30.07m - 21.023n)(21.4m^2 - 47.9mn - 25.3n^2)$$

$$361) (30.2x + 43.4y)(2.6x^2 - 49.7xy + 37.4y^2)$$

$$362) (42.8m - 26.2n)(43m^2 - 0.2mn + 22.6n^2)$$

$$363) (25.6x + 4.2y)(37.95x^2 - 37.9xy - 19.5y^2)$$

$$364) (38.2x - 38.9y)(14.2x^2 + 25.3xy - 6.9y^2)$$

$$365) (21.1u - 8.5v)(24.8u^2 + 1.3uv - 45.602v^2)$$

$$366) (33.7x + 22y)(35.5x^2 - 49.2xy - 36.5y^2)$$

$$367) (16.5u - 21.2v)(7.089u^2 - 21.1uv - 1.8v^2)$$

$$368) (29.1x + 9.3y)(6.7x^2 - 23.7xy + 7.5y^2)$$

$$369) (11.9a + 39.8b)(17.3a^2 - 47.8ab - 7.3b^2)$$

$$370) (24.5x - 3.4y)(28x^2 + 1.8xy - 22.1y^2)$$

$$371) (7.4a + 27.1b)(38.6a^2 - 22.2ab - 36.9b^2)$$

$$372) (20x - 42.6y)(29x^2 + 27.3xy + 48.4y^2)$$

$$373) (32.6m + 14.4n)(22.89m^2 - 32.8mn + 24.6n^2)$$

$$374) (15.4x + 44.8y)(0.1x^2 - 47.3xy + 18.8y^2)$$

$$375) (28m - 24.8n)(10.8m^2 + 28.8mn + 4.1n^2)$$

$$376) (10.8x + 5.7y)(21.4x^2 - 21.8xy - 10.7y^2)$$

$$377) (23.5m - 37.5n)(5.82m^2 - 16mn + 42.2n^2)$$

378) $(6.3x - 7y)(42.7x^2 + 3.8xy - 40.3y^2)$

379) $(18.9x + 23.4y)(3.3x^2 - 20.3xy + 45y^2)$

380) $(2.755u + 40v)(18.18u^2 + 30.2uv - 47.7v^2)$

381) $(14.3x + 10.7y)(24.6x^2 + 5.2xy + 15.4y^2)$

382) $(47.2u + 41.2v)(35.2u^2 - 45.3uv + 0.6v^2)$

383) $(9.8x - 1.9y)(7.83x^2 - 27.6xy - 31.078y^2)$

384) $(22.4a + 28.5b)(36.2a^2 - 19.8ab + 2.34b^2)$

385) $(24.768x + 1.4y)(39.5x^2 + 17.5xy - 19.568y^2)$

386) $(17.8a + 15.8b)(7.4a^2 + 5.7ab + 41.6b^2)$

387) $(23.58x + 12.4y)(5.1x^2 - 10.9xy - 40.826y^2)$

388) $(13.2m - 23.4n)(28.7m^2 - 42.3mn + 12n^2)$

389) $(46.2x + 33.6y)(39.3x^2 + 7.2xy - 2.8y^2)$

390) $(8.7m - 36n)(50m^2 - 40.34mn - 0.6n^2)$

391) $(41.6x - 5.6y)(10.5x^2 + 32.7xy + 5.43y^2)$

392) $(29.371m - 26.2n)(14.7m^2 + 40.55mn + 22.2n^2)$

393) $(37x - 18.3y)(42.78x^2 - 21.091xy + 42.5y^2)$

394) $(49.7x + 12.2y)(22.2x^2 + 34.2xy + 23.3y^2)$

395) $(12.2u + 42.7v)(32.8u^2 - 16.3uv + 7.19v^2)$

396) $(45.1x - 0.5y)(43.4x^2 - 40.4xy - 6.2y^2)$

$$397) (7.6u + 30v)(4u^2 + 9.2uv - 21v^2)$$

$$398) (40.5x - 39.7y)(14.6x^2 - 14.9xy - 35.8y^2)$$

$$399) (12.06a + 46.3b)(28.61a^2 + 49.5ab - 38.025b^2)$$

$$400) (36x + 47.7y)(35.9x^2 + 0.21xy + 43.4y^2)$$

$$401) (49.5a + 29.5b)(49.1a^2 - 89ab + 71.3b^2)$$

$$402) (34.1x - 14.7y)(60x^2 + 86.3xy - 93.973y^2)$$

$$403) (29.8x + 47.2y)(8.3x^2 - 88.3xy - 93.885y^2)$$

$$404) (45.2m + 16.2n)(71m^2 - 63.5mn + 41.7n^2)$$

$$405) (40.9m + 2.9n)(19.2m^2 - 37.9mn + 12.1n^2)$$

$$406) (52.1x + 33.9y)(30.2x^2 - 99.099xy - 61.72y^2)$$

$$407) (36.7m + 64.8n)(41.1m^2 - 12.4mn - 17.4n^2)$$

$$408) (47.8x + 20.6y)(52.1x^2 - 37.3xy - 32.2y^2)$$

$$409) (32.4x + 51.6y)(63x^2 + 13.1xy - 47y^2)$$

$$410) (43.5u + 82.5v)(74u^2 - 90.923uv - 73.152v^2)$$

$$411) (39.3u + 69.2v)(6.433u^2 + 53.5uv - 94.411v^2)$$

$$412) (28.1x - 86.6y)(84.9x^2 + 38.6xy - 76.6y^2)$$

$$413) (23.9x - 99.9y)(6.7x^2 + 64.1xy + 93.9y^2)$$

$$415) (35a - 69b)(44.2a^2 + 39.3ab + 79.1b^2)$$

$$417) (19.6x + 86.9y)(55.1x^2 + 89.7xy + 64.3y^2)$$

$$418) (26.5m - 95.5n)(87.9m^2 + 90.3mn + 20n^2)$$

$$419) (23.721x + 96.5y)(69.2x^2 + 27.1xy - 22.7y^2)$$

$$420) (22.2m - 33.6n)(9.7m^2 - 84.3mn - 9.6n^2)$$

$$422) (17.9x - 46.9y)(99.28x^2 - 16.4xy - 9.5y^2)$$

$$423) (29x - 15.9y)(42.6x^2 - 8.4xy - 54y^2)$$

$$424) (13.7x - 60.2y)(53.5x^2 - 33.2xy - 68.8y^2)$$

$$425) (24.8u - 29.2v)(90.9u^2 + 17.1uv - 83.6v^2)$$

$$427) (20.5u - 42.5v)(12.7u^2 + 42.7uv + 86.9v^2)$$

$$428) (31.6x - 11.6y)(23.7x^2 + 17.8xy + 72.2y^2)$$

$$429) (16.3a + 19.4b)(34.6a^2 + 68.2ab + 57.4b^2)$$

$$414) (30.7a - 82.2b)(66a^2 - 50.44ab - 35.9b^2)$$

$$416) (41.8x - 51.3y)(77x^2 - 84.9xy + 34.8y^2)$$

$$421) (63.11x + 6.2y)(84.4x^2 - 1.9xy - 13.9y^2)$$

$$426) (83.22x - 31.4y)(95.7x^2 + 0.8xy + 8.1y^2)$$

$$430) (75.67a + 55.9b)(19.45a^2 + 27.8ab - 75.6b^2)$$

$$431) (27.4x + 50.4y)(45.6x^2 + 43.3xy - 27.39y^2)$$

$$432) (23.1x + 37.1y)(13.424x^2 - 76.859xy - 62.8y^2)$$

$$433) (1.59m - 31.91n)(15.08m^2 - 88.246mn - 22.49n^2)$$

$$434) (18.8x + 23.8y)(89.4x^2 + 94.4xy - 16.6y^2)$$

$$435) (14.6x + 85.7y)(37.6x^2 - 80.2xy - 46.2y^2)$$

$$436) (3.5m + 54.7n)(26.7m^2 - 55.4mn - 31.4n^2)$$

$$437) (99.3x + 41.5y)(48.6x^2 - 29.8xy - 61y^2)$$

$$438) (10.3x + 72.4y)(59.5x^2 - 54.7xy - 75.8y^2)$$

$$439) (21.4x - 96.7y)(70.5x^2 - 4.3xy - 23.43y^2)$$

$$440) (6u + 59.1v)(81.4u^2 - 29.2uv + 94.8v^2)$$

$$441) (17.2x + 90.1y)(92.4x^2 + 21.2xy - 22.55y^2)$$

$$442) (12.9x + 76.8y)(14.2x^2 - 97.202xy + 83y^2)$$

$$443) (97.6a - 92.3b)(25.1a^2 + 21.9ab + 35.6b^2)$$

$$444) (1.8u - 79v)(69.18u^2 - 5.7uv + 78.6v^2)$$

445) $(8.6x - 61.4y)(36.1x^2 + 72.2xy + 20.8y^2)$

446) $(80.69a - 7.3b)(20.5a^2 + 11.4ab + 96.2b^2)$

447) $(4.4x - 74.7y)(84.4x^2 + 97.7xy - 8.8y^2)$

448) $(89.1m - 43.7n)(95.4m^2 + 72.9mn - 23.6n^2)$

449) $(0.1x - 12.7y)(6.2x^2 + 14.45xy - 90.7y^2)$

450) $(11.2m - 57n)(17.2m^2 + 98.4mn - 91.858n^2)$

451) $(95.9x - 26y)(28.1x^2 - 51.3xy - 67.9y^2)$

452) $(6.9x + 4.9y)(4.12x^2 - 0.4xy - 77.4y^2)$

453) $(26.71x + 64.9y)(47x^2 - 14.9xy - 73y^2)$

454) $(2.7x - 8.4y)(61x^2 - 50.6xy + 87.8y^2)$

455) $(87.4u + 22.6v)(71.9u^2 - 0.3uv + 73v^2)$

456) $(98.5x - 21.6y)(9.2x^2 - 25.1xy + 58.2y^2)$

457) $(83.1u + 9.3v)(20.2u^2 + 25.2uv + 43.4v^2)$

458) $(78.9a - 4b)(42.1a^2 - 72.67ab - 46.6b^2)$

459) $(19.17x + 27.2y)(84.8x^2 - 12.3xy - 91.83y^2)$

460) $(72.74x + 12.2y)(73.5x^2 + 33.9xy - 42.2y^2)$

461) $(a + 57.9b)(68.35a^2 + 19.4ab - 37.8b^2)$

462) $(85.7x + 13.7y)(74.9x^2 + 51.4xy - 30.5y^2)$

463) $(96.8m + 44.7n)(85.9m^2 - 98.3mn - 45.3n^2)$

$$464) (81.5x + 75.6y)(96.8x^2 + 76.9xy - 60.1y^2)$$

$$465) (65.2m + 99.4n)(11.3m^2 - 81.74mn - 94.6n^2)$$

$$466) (77.2x + 62.3y)(18.6x^2 - 97.6xy - 89.7y^2)$$

$$467) (31.88x + 84.4y)(26.4x^2 + 7.6xy - 11.4y^2)$$

$$468) (72.9x - 75.9y)(67x^2 - 72.1xy + 80.8y^2)$$

$$469) (84x + 80y)(77.9x^2 - 21.8xy - 91.022y^2)$$

$$470) (68.7u - 89.1v)(88.9u^2 - 93.59uv + 1.8v^2)$$

$$471) (21.124u - 28.5v)(37.8u^2 + 72.25uv + 19.1v^2)$$

$$472) (79.8x - 58.2y)(3.29x^2 + 24.8xy + 6.3y^2)$$

$$473) (75.5x - 71.5y)(21.6x^2 + 29.3xy + 6.9y^2)$$

$$474) (86.6a - 40.5b)(32.6a^2 + 4.4ab - 7.9b^2)$$

$$475) (71.2x - 84.8y)(43.5x^2 + 54.8xy - 22.7y^2)$$

$$476) (82.4a - 53.8b)(54.4a^2 - 7.13ab + 28.3b^2)$$

$$477) (67x - 22.8y)(65.4x^2 + 80.3xy - 52.3y^2)$$

$$478) (78.1m - 67.1n)(2.7m^2 + 55.5mn - 6.25n^2)$$

$$479) (62.7x - 36.1y)(13.7x^2 - 94.3xy - 81.9y^2)$$

$$480) (73.8m - 5.2n)(24.6m^2 - 53.04mn + 45.9n^2)$$

$$481) (58.4x - 49.4y)(1.059x^2 + 30.1xy - 41.57y^2)$$

$$482) (69.6x - 18.5y)(46.5x^2 - 93.6xy + 73.9y^2)$$

$$483) (54.2x + 12.5y)(57.5x^2 - 43.2xy + 59.1y^2)$$

$$484) (65.3x + 43.5y)(68.4x^2 - 68.1xy + 44.3y^2)$$

$$485) (76.4u - 0.8v)(79.4u^2 - 17.7uv + 29.5v^2)$$

$$486) (61x + 30.2y)(90.3x^2 - 99.424xy + 72.3y^2)$$

$$487) (16.24u - 91.7v)(24.8u^2 - 84.994uv + 59.2v^2)$$

$$488) (56.8x + 16.9y)(38.6x^2 - 17xy - 14.9y^2)$$

$$489) (67.9a + 47.8b)(49.5a^2 + 33.3ab - 1.41b^2)$$

$$490) (52.5x + 78.8y)(60.5x^2 + 8.5xy - 44.5y^2)$$

$$491) (63.6a + 34.6b)(45.54a^2 - 39.8ab + 94.3b^2)$$

$$492) (8.7x + 70.8y)(62.6x^2 + 20.9xy + 98.7y^2)$$

$$493) (59.3m + 96.5n)(93.3m^2 + 84.4mn - 88.8n^2)$$

$$494) (26.229x + 55.8y)(51.3x^2 - 8.1xy - 92.5y^2)$$

$$495) (55.1m + 83.2n)(15.1m^2 - 90.2mn + 81.7n^2)$$

$$496) (66.2x - 85.9y)(26.1x^2 - 53.69xy - 83.7y^2)$$

$$497) (50.8x + 69.9y)(19.759x^2 + 23.6xy - 79.3y^2)$$

$$498) (61.9x - 99.2y)(47.9x^2 - 89.5xy + 37.3y^2)$$

$$499) (15.474x - 57.1y)(89.1x^2 - 5.4xy - 70.5y^2)$$

$$500) (57.7u - 37.3v)(96.3u^2 - 64uv + 7.7v^2)$$

$$501) (42.3x - 81.6y)(8.05x^2 - 34.4xy - 61.7y^2)$$

$$502) (53.4u - 50.6v)(18.1u^2 - 38.5uv - 21.9v^2)$$

$$503) (49.1a - 63.9b)(40a^2 - 13ab - 51.4b^2)$$

$$504) (38x - 19.6y)(29.1x^2 - 28.71xy - 52.9y^2)$$

$$505) (33.8x - 32.9y)(51x^2 + 37.4xy - 66.2y^2)$$

$$506) (20.077a - 53.58b)(11.7a^2 - 89.392ab - 4.7b^2)$$

$$507) (56x - 46.2y)(72.8x^2 + 62.9xy - 95.8y^2)$$

$$508) (40.6m - 15.3n)(83.8m^2 + 38mn + 89.5n^2)$$

$$509) (51.7x + 15.7y)(21.1x^2 - 76.99xy - 26.5y^2)$$

$$510) (36.3m - 28.5n)(32.1m^2 + 63.6mn + 59.9n^2)$$

$$511) (47.5x + 2.4y)(43x^2 - 86.2xy + 45.1y^2)$$

$$512) (32.1x + 33.4y)(54x^2 + 89.1xy + 30.3y^2)$$

$$513) (43.2x - 10.9y)(64.9x^2 + 11.85xy - 8.9y^2)$$

514) $(38.9u + 51v)(86.8u^2 - 35.1uv + 10.05v^2)$

515) $(23.5x + 6.8y)(97.8x^2 - 60xy - 28.8y^2)$

516) $(27.8x + 20.1y)(75.9x^2 - 85.5xy + 0.8y^2)$

517) $(34.7u + 37.8v)(8.6u^2 - 84.8uv - 88.907v^2)$

518) $(52.2a + 42.2b)(87.5a^2 + 5.2ab + 17.6b^2)$

519) $(45.8x + 68.7y)(19.5x^2 - 34.5xy - 58.4y^2)$

520) $(41.5x + 55.4y)(17.967x^2 - 9.3xy + 22y^2)$

521) $(26.1a + 86.4b)(78.9a^2 - 33.8ab + 97.3b^2)$

522) $(37.2x - 82.8y)(89.8x^2 + 16.6xy + 82.5y^2)$

523) $(21.9m + 73.1n)(0.7m^2 - 75.27mn + 35.2n^2)$

524) $(33x - 96y)(11.6x^2 + 42.1xy + 14.01y^2)$

525) $(17.6m - 65.1n)(22.6m^2 + 17.2mn + 38.2n^2)$

526) $(98.23x - 85.7y)(40.4x^2 - 21.1xy + 48.4y^2)$

527) $(13.3x - 78.4y)(44.5x^2 + 42.8xy + 8.6y^2)$

528) $(51.8x + 24.1y)(29x^2 - 50.1xy + 57.2y^2)$

529) $(35.6x - 91.7y)(66.3x^2 - 68.879xy - 28.34y^2)$

530) $(31.3x - 29.7y)(14.6x^2 + 93.8xy - 50.6y^2)$

$$531) (15.9u - 74v)(25.6u^2 - 55.9uv - 65.4v^2)$$

$$532) (20.2u - 60.7v)(14.61u^2 - 91.354uv + 29.1v^2)$$

$$533) (14.426x - 13.5y)(66.9x^2 - 17.98xy - 99.042y^2)$$

$$534) (11.7a - 12.1b)(47.5a^2 - 30.4ab - 95b^2)$$

$$535) (22.8x - 12.73y)(82x^2 - 1.3xy + 88y^2)$$

$$536) (7.4a - 25.4b)(69.4a^2 - 91.49ab + 92.5b^2)$$

$$537) (18.5x + 5.6y)(80.3x^2 - 29.7xy + 60.8y^2)$$

$$538) (36.71m + 73.8n)(78.3m^2 - 44.8mn - 98.8n^2)$$

$$539) (14.2x - 7.7y)(2.1x^2 - 75.92xy - 94.4y^2)$$

$$540) (90.29m + 58.7n)(93.4m^2 + 1.4mn - 90n^2)$$

$$541) (10x + 54.2y)(50.5x^2 + 21.3xy + 1.6y^2)$$

$$542) (21.1x + 10y)(61.4x^2 + 71.6xy - 13.2y^2)$$

$$543) (5.7x + 41y)(72.4x^2 + 46.8xy - 28y^2)$$

$$544) (16.8x + 71.9y)(83.3x^2 + 97.2xy - 42.8y^2)$$

$$545) (1.4u + 27.7v)(94.3u^2 + 72.3uv - 57.5v^2)$$

$$546) (12.6x + 58.6y)(7.394x^2 - 10.4xy - 63.6y^2)$$

$$547) (97.3u + 89.6v)(16.1u^2 + 97.8uv - 87.1v^2)$$

$$548) (8.3x + 45.3y)(27x^2 - 51.9xy + 98.2y^2)$$

$$549) (93a + 76.3b)(37.9a^2 - 76.7ab + 83.4b^2)$$

$$550) (4x - 77.907y)(42.5x^2 - 68.5xy + 33.3y^2)$$

$$551) (15.1a + 63b)(86.3a^2 - 51.2ab + 53.8b^2)$$

$$552) (99.9x + 94y)(97.3x^2 - 92.14xy - 51.61y^2)$$

$$553) (10.9m - 75.2n)(8.1m^2 - 25.7mn + 24.2n^2)$$

$$554) (95.6x - 44.2y)(19.1x^2 + 24.7xy - 87.278y^2)$$

$$555) (6.6m - 88.5n)(30m^2 - 0.2mn - 5.4n^2)$$

$$556) (91.3x - 57.5y)(8.89x^2 - 5.1xy - 19.6y^2)$$

$$557) (2.3x - 26.5y)(51.9x^2 + 25.3xy - 34.9y^2)$$

$$558) (87.1x - 79.261y)(3x^2 - 34.1xy - 10.7y^2)$$

$$559) (98.2x - 39.8y)(73.8x^2 + 50.9xy - 64.5y^2)$$

$$560) (87.76u - 42.1v)(91.7u^2 - 63.1uv - 1.9v^2)$$

$$561) (93.9x - 53.1y)(95.7x^2 + 76.4xy + 30.31y^2)$$

$$562) (4.9u - 22.2v)(33u^2 - 75.158uv + 6.9v^2)$$

$$563) (89.6x + 8.8y)(44x^2 - 98.2xy + 31.19y^2)$$

$$564) (0.7a - 35.4b)(54.9a^2 - 47.9ab + 61.6b^2)$$

$$565) (30.788x + 45.1y)(29.5x^2 - 60.5xy + 20.1y^2)$$

$$566) (96.5a + 26.5b)(14.385a^2 - 66.79ab + 10.1b^2)$$

$$567) (33.78x + 30.1y)(65.31x^2 + 17.3xy - 35.23y^2)$$

568) $(92.2m + 13.2n)(98.7m^2 + 3.2mn + 2.5n^2)$

569) $(76.9x + 44.1y)(9.5x^2 - 21.7xy - 12.3y^2)$

570) $(88m - 0.1n)(20.5m^2 + 28.7mn - 27.1n^2)$

571) $(72.6x + 30.9y)(31.4x^2 + 3.9xy - 41.9y^2)$

572) $(26.24x - 82.8y)(23.553x^2 + 35.15xy + 66.2y^2)$

573) $(94.8x + 41.04y)(63.6x^2 - 77.14xy - 1.1y^2)$

574) $(79.4x + 48.5y)(90.8x^2 + 79.7xy - 86.3y^2)$

575) $(75.2x - 89.7y)(12.6x^2 - 94.8xy + 84.2y^2)$

576) $(90.6u + 79.5v)(1.6u^2 + 54.9uv + 99v^2)$

577) $(86.3u + 66.2v)(23.5u^2 + 80.4uv + 69.5v^2)$

578) $(70.9x + 97.2y)(34.5x^2 - 69.3xy + 54.7y^2)$

579) $(72.27a - 77.524b)(86.28a^2 + 27.65ab + 54.8b^2)$

580) $(66.6x - 11.77y)(24.574x^2 + 25.1xy - 87.4y^2)$

581) $(77.8a + 27.5b)(24.1a^2 - 67ab + 90.6b^2)$

582) $(62.4x - 54.3y)(78.2x^2 - 18.3xy + 39.56y^2)$

583) $(73.5m - 98.6n)(15.6m^2 - 43.1mn - 19.3n^2)$

584) $(84.6x - 67.6y)(26.5x^2 + 7.2xy - 34.1y^2)$

$$585) (69.2m - 36.6n)(37.5m^2 - 17.6mn - 48.9n^2)$$

$$586) (80.3x - 80.9y)(48.4x^2 + 32.7xy - 63.7y^2)$$

$$587) (65x - 49.9y)(59.4x^2 + 7.9xy - 78.5y^2)$$

$$588) (76.1x - 25.31y)(50.6x^2 - 99.32xy - 36.1y^2)$$

$$589) (60.7x - 63.2y)(25.92x^2 - 32.6xy - 52.23y^2)$$

$$590) (56.4x - 1.3y)(3x^2 + 58.9xy - 85.648y^2)$$

$$591) (71.8u - 32.2v)(92.2u^2 + 83.8uv - 47.6v^2)$$

$$592) (67.5u + 29.7v)(14u^2 - 90.8uv - 77.2v^2)$$

$$593) (52.2x - 14.6y)(51.4x^2 + 84.5xy - 92y^2)$$

$$594) (77.29a + 1.5b)(69.5a^2 - 30ab - 52.3b^2)$$

$$595) (74.4x - 97.812y)(77.1x^2 - 44.5xy - 47.9y^2)$$

$$596) (59a - 38.85b)(84.7a^2 - 59ab - 43.5b^2)$$

$$597) (70.1x + 34.1y)(95.2x^2 - 64.6xy + 48.9y^2)$$

$$598) (54.7m + 65n)(6.1m^2 - 14.2mn + 34.1n^2)$$

$$599) (29.741x + 88.7y)(10.614x^2 + 19.4xy - 21.7y^2)$$

$$600) (50.5m + 51.7n)(27.9m^2 + 11.3mn + 47.49n^2)$$

Multiplying polynomials - Decimals - Simplify product of binomials and trinomials

Simplify decimal product with two variables:

- 1) $(1.3m - 1.5n)(7.7m^2 + 2.2mn + 3.4n^2)$
 $10.01m^3 - 8.69m^2n + 1.12mn^2 - 5.1n^3$
- 2) $(5x + 5.9y)(4.2x^2 - 3xy - 3.8y^2)$
 $21x^3 + 9.78x^2y - 36.7xy^2 - 22.42y^3$
- 3) $(5.8x - 7.86y)(5.98x^2 + 6xy + 7.2y^2)$
 $34.684x^3 - 12.2028x^2y - 5.4xy^2 - 56.592y^3$
- 4) $(1.3x - 0.5y)(0.11x^2 - 3.8xy + 5y^2)$
 $0.143x^3 - 4.995x^2y + 8.4xy^2 - 2.5y^3$
- 5) $(6.979x - 4.8y)(4.2x^2 + 6.3xy - 2.3y^2)$
 $29.3118x^3 + 23.8077x^2y - 46.2917xy^2 + 11.04y^3$
- 6) $(2.1x - 5.8y)(0.9x^2 + 4.9xy - 7.5y^2)$
 $1.89x^3 + 5.07x^2y - 44.17xy^2 + 43.5y^3$
- 7) $(2.1u - 4.7v)(3.16u^2 - 7.3uv + 6.5v^2)$
 $6.636u^3 - 30.182u^2v + 47.96uv^2 - 30.55v^3$
- 8) $(2.1x + 3.9y)(7.7x^2 - 1.8xy - 4.9y^2)$
 $16.17x^3 + 26.25x^2y - 17.31xy^2 - 19.11y^3$
- 9) $(6.5u + 5v)(3.1u^2 - 1.3uv - 3.6v^2)$
 $20.15u^3 + 7.05u^2v - 29.9uv^2 - 18v^3$
- 10) $(6.6x + 6y)(6.5x^2 + 7.6xy - 2.3y^2)$
 $42.9x^3 + 89.16x^2y + 30.42xy^2 - 13.8y^3$
- 11) $(2.9x - 0.3y)(5.3x^2 + xy + 0.4y^2)$
 $15.37x^3 + 1.31x^2y + 0.86xy^2 - 0.12y^3$
- 12) $(2.9a - 1.4b)(1.9a^2 - 8ab - b^2)$
 $5.51a^3 - 25.86a^2b + 8.3ab^2 + 1.4b^3$
- 13) $(7.3a + 0.7b)(3.02a^2 - 0.7ab + 0.7b^2)$
 $22.046a^3 - 2.996a^2b + 4.62ab^2 + 0.49b^3$
- 14) $(3.7x - 4.6y)(6.6x^2 + 3.7xy + 5.6y^2)$
 $24.42x^3 - 16.67x^2y + 3.7xy^2 - 25.76y^3$
- 15) $(3.7m - 5.7n)(3.2m^2 - 5.3mn + 4.3n^2)$
 $11.84m^3 - 37.85m^2n + 46.12mn^2 - 24.51n^3$
- 16) $(7.3x - 6.7y)(7.8x^2 - 5.7xy + 3y^2)$
 $56.94x^3 - 93.87x^2y + 60.09xy^2 - 20.1y^3$
- 17) $(6.2m - 2.5n)(3.2m^2 + 5.75mn + 5n^2)$
 $19.84m^3 + 27.65m^2n + 16.625mn^2 - 12.5n^3$
- 18) $(3x + 1.6y)(0.9x^2 + 5.8xy - 3.14y^2)$
 $2.7x^3 + 18.84x^2y - 0.14xy^2 - 5.024y^3$
- 19) $(2.4x - 5.13y)(6.22x^2 + 6.6xy - 7.1y^2)$
 $14.928x^3 - 16.0686x^2y - 50.898xy^2 + 36.423y^3$
- 20) $(4.4x + 7.2y)(4.2x^2 + 6.4xy - 5.3y^2)$
 $18.48x^3 + 58.4x^2y + 22.76xy^2 - 38.16y^3$
- 21) $(0.8u + 0.8v)(3u^2 + 0.62uv - 7.9v^2)$
 $2.4u^3 + 2.896u^2v - 5.824uv^2 - 6.32v^3$
- 22) $(4.5x - 0.2y)(7.6x^2 + 6.9xy - 4y^2)$
 $34.2x^3 + 29.53x^2y - 19.38xy^2 + 0.8y^3$
- 23) $(0.8x + 1.9y)(5.93x^2 + 2.3xy - 4.56y^2)$
 $4.744x^3 + 13.107x^2y + 0.722xy^2 - 8.664y^3$
- 24) $(5.2u - 5.6v)(1.8u^2 - 6.9uv + 0.9v^2)$
 $9.36u^3 - 45.96u^2v + 43.32uv^2 - 5.04v^3$

$$25) (7.12x + 7y)(6.7x^2 - 3.7xy + 5.3y^2)$$

$$47.704x^3 + 20.556x^2y + 11.836xy^2 + 37.1y^3$$

$$26) (1.5a - 3.4b)(4.3a^2 + 2.5ab + 2.6b^2)$$

$$6.45a^3 - 10.87a^2b - 4.6ab^2 - 8.84b^3$$

$$27) (4.083x - 5y)(4.4x^2 + 6.4xy - 2y^2)$$

$$17.9652x^3 + 4.1312x^2y - 40.166xy^2 + 10y^3$$

$$28) (6a + 6.3b)(3a^2 + 7.11ab + 2.4b^2)$$

$$18a^3 + 61.56a^2b + 59.193ab^2 + 15.12b^3$$

$$29) (6m - 0.1n)(1.8m^2 + 5.2mn + 7.8n^2)$$

$$10.8m^3 + 31.02m^2n + 46.28mn^2 - 0.78n^3$$

$$30) (2.3x + 0.9y)(5.3x^2 + 5.7xy - 7y^2)$$

$$12.19x^3 + 17.88x^2y - 10.97xy^2 - 6.3y^3$$

$$31) (1.328m - 5.9n)(6.9m^2 - 0.43mn - 6.447n^2)$$

$$9.1632m^3 - 41.28104m^2n - 6.024616mn^2 + 38.0373n^3$$

$$32) (6x + 7.3y)(6.5x^2 - 3.7xy + 6.5y^2)$$

$$39x^3 + 25.25x^2y + 11.99xy^2 + 47.45y^3$$

$$33) (6.8x + 3.1y)(1.56x^2 - 3.2xy - 7.8y^2)$$

$$10.608x^3 - 16.924x^2y - 62.96xy^2 - 24.18y^3$$

$$34) (6.49x + 6.7y)(0.9x^2 + 2.3xy - 3.4y^2)$$

$$5.841x^3 + 20.957x^2y - 6.656xy^2 - 22.78y^3$$

$$35) (3.1x - 3.3y)(6.6x^2 - 7.7xy - 1.7y^2)$$

$$20.46x^3 - 45.65x^2y + 20.14xy^2 + 5.61y^3$$

$$36) (3.1x - 2.3y)(1.9x^2 + 1.3xy - 1.327y^2)$$

$$5.89x^3 - 0.34x^2y - 7.1037xy^2 + 3.0521y^3$$

$$37) (7.5u + 6.4v)(5.4u^2 + 1.7uv + 0.9v^2)$$

$$40.5u^3 + 47.31u^2v + 17.63uv^2 + 5.76v^3$$

$$38) (7.5x + 7.4y)(0.7x^2 - 0.03xy - 1.9y^2)$$

$$5.25x^3 + 4.955x^2y - 14.472xy^2 - 14.06y^3$$

$$39) (3.06u - 2.7v)(3.4u^2 - 4.2uv + 2.5v^2)$$

$$10.404u^3 - 22.032u^2v + 18.99uv^2 - 6.75v^3$$

$$40) (3.9x + 1.1y)(7.6x^2 + 4xy + 4.8y^2)$$

$$29.64x^3 + 23.96x^2y + 23.12xy^2 + 5.28y^3$$

$$41) (3.9a + 2.1b)(2.9a^2 + 4.5ab + 6.1b^2)$$

$$11.31a^3 + 23.64a^2b + 33.24ab^2 + 12.81b^3$$

$$42) (0.2x - 2.53y)(0.1x^2 + 7.4xy + 0.7y^2)$$

$$0.02x^3 + 1.227x^2y - 18.582xy^2 - 1.771y^3$$

$$43) (0.2a - 4.3b)(5.254a^2 - 0.1ab + 4.1b^2)$$

$$1.0508a^3 - 22.6122a^2b + 1.25ab^2 - 17.63b^3$$

$$44) (4.6x - 3.2y)(5.2x^2 + 6.8xy - 6y^2)$$

$$23.92x^3 + 14.64x^2y - 49.36xy^2 + 19.2y^3$$

$$45) (4.7m - 2.2n)(0.5m^2 + 7.2mn - 1.43n^2)$$

$$2.35m^3 + 32.74m^2n - 22.561mn^2 + 3.146n^3$$

$$46) (1.04x + 0.6y)(8x^2 - 0.7xy - 3.93y^2)$$

$$8.32x^3 + 4.072x^2y - 4.5072xy^2 - 2.358y^3$$

$$47) (m + 7.6n)(3m^2 + 0.5mn - 2.1n^2)$$

$$3m^3 + 23.3m^2n + 1.7mn^2 - 15.96n^3$$

$$48) (5.4x - 7.5y)(6.4x^2 - 7.51xy - 6.1y^2)$$

$$34.56x^3 - 88.554x^2y + 23.385xy^2 + 45.75y^3$$

$$49) (5.4x + 1.2y)(1.8x^2 - 6.2xy + 0.5y^2)$$

$$9.72x^3 - 31.32x^2y - 4.74xy^2 + 0.6y^3$$

$$50) (1.8x + 0.807y)(0.59x^2 + 1.8xy - 3.525y^2)$$

$$1.062x^3 + 3.71613x^2y - 4.8924xy^2 - 2.844675y^3$$

$$51) (1.8x + 3.3y)(0.6x^2 + 3.3xy + 3.1y^2)$$

$$1.08x^3 + 7.92x^2y + 16.47xy^2 + 10.23y^3$$

52) $(1.8u + 4.3v)(4u^2 - 3.9uv + 4.4v^2)$

$7.2u^3 + 10.18u^2v - 8.85uv^2 + 18.92v^3$

53) $(6.2x - 3.1y)(7.5x^2 - 3.4xy + 5.7y^2)$

$46.5x^3 - 44.33x^2y + 45.88xy^2 - 17.67y^3$

54) $(6.2u - 2v)(2.8u^2 + 5.5uv + 7v^2)$

$17.36u^3 + 28.5u^2v + 32.4uv^2 - 14v^3$

55) $(2.5x - y)(6.3x^2 - 6.65xy - 7.5y^2)$

$15.75x^3 - 22.925x^2y - 12.1xy^2 + 7.5y^3$

56) $(2.6a + 7.7b)(5.3a^2 - 1.1ab - 6.4b^2)$

$13.78a^3 + 37.95a^2b - 25.11ab^2 - 49.28b^3$

57) $(7x - 4.84y)(3x^2 - 5.1xy + 3.82y^2)$

$21x^3 - 50.22x^2y + 51.424xy^2 - 18.4888y^3$

58) $(7a - 6.3b)(4.1a^2 - 7.8ab - 3.8b^2)$

$28.7a^3 - 80.43a^2b + 22.54ab^2 + 23.94b^3$

59) $(3.679x + 1.633y)(4.2x^2 - 2.5xy + 7.07y^2)$

$15.4518x^3 - 2.3389x^2y + 21.92803xy^2 + 11.54531y^3$

60) $(3.3m + 3.4n)(2.9m^2 + 1.6mn - 1.2n^2)$

$9.57m^3 + 15.14m^2n + 1.48mn^2 - 4.08n^3$

61) $(7.7x + 4.5y)(6.3x^2 + 0.17xy + 2.8y^2)$

$48.51x^3 + 29.659x^2y + 22.325xy^2 + 12.6y^3$

62) $(7.8x - 1.9y)(5.1x^2 - 4.6xy + 2.7y^2)$

$39.78x^3 - 45.57x^2y + 29.8xy^2 - 5.13y^3$

63) $(4.1x - 0.9y)(0.5x^2 + 4.3xy + 6.94y^2)$

$2.05x^3 + 17.18x^2y + 24.584xy^2 - 6.246y^3$

64) $(7.8m - 3n)(7.17m^2 - 7.2mn + 7.2n^2)$

$55.926m^3 - 77.67m^2n + 77.76mn^2 - 21.6n^3$

65) $(4.1x - 2.38y)(7.2x^2 - 0.1xy + 6.66y^2)$

$29.52x^3 - 17.546x^2y + 27.544xy^2 - 15.8508y^3$

66) $(2.63x - 3.7y)(6x^2 + 5.4xy - 7.3y^2)$

$15.78x^3 - 7.998x^2y - 39.179xy^2 + 27.01y^3$

67) $(0.4u - 6.2v)(6.4u^2 - 1.9uv + 8v^2)$

$2.56u^3 - 40.44u^2v + 14.98uv^2 - 49.6v^3$

68) $(4.9x + 2.5y)(1.7x^2 + 7.1xy - 6.8y^2)$

$8.33x^3 + 39.04x^2y - 15.57xy^2 - 17y^3$

69) $(4.9u + 3.5v)(5.2u^2 + 7.5uv - 5.5v^2)$

$25.48u^3 + 54.95u^2v - 0.7uv^2 - 19.25v^3$

70) $(1.2x + 4.6y)(0.5x^2 + 0.4xy - 4.2y^2)$

$0.6x^3 + 2.78x^2y - 3.2xy^2 - 19.32y^3$

71) $(5.527a + 3.1b)(4.8a^2 - 1.1ab - 7.75b^2)$

$26.5296a^3 + 8.8003a^2b - 46.24425ab^2 - 24.025b^3$

72) $(5.6x - 7.15y)(3.7x^2 + 4.45xy - 4.1y^2)$

$20.72x^3 - 1.535x^2y - 54.7775xy^2 + 29.315y^3$

73) $(0.6a - 0.5b)(2.5a^2 - 7.1ab + 7.4b^2)$

$1.5a^3 - 5.51a^2b + 7.99ab^2 - 3.7b^3$

74) $(5.7x + 0.3y)(6.2x^2 + 3.1xy + y^2)$

$35.34x^3 + 19.53x^2y + 6.63xy^2 + 0.3y^3$

75) $(2m - 7.1n)(1.6m^2 - 3.705mn + 0.1n^2)$

$3.2m^3 - 18.77m^2n + 26.5055mn^2 - 0.71n^3$

76) $(2x - 6.1y)(6.957x^2 - 7.7xy + 4.5y^2)$

$13.914x^3 - 57.8377x^2y + 55.97xy^2 - 27.45y^3$

77) $(6.4m - 5n)(4.1m^2 - 3.1mn + 5n^2)$

$26.24m^3 - 40.34m^2n + 47.5mn^2 - 25n^3$

78) $(5.19x + 6.3y)(5x^2 + 2.4xy - 2.8y^2)$

$25.95x^3 + 43.956x^2y + 0.588xy^2 - 17.64y^3$

79) $(2.7x + 4.7y)(2.8x^2 + 6.3xy + 7.6y^2)$

$7.56x^3 + 30.17x^2y + 50.13xy^2 + 35.72y^3$

$$80) (2.8x + 3.538y)(7.1x^2 - 3.6xy + 6y^2)$$

$$19.88x^3 + 15.0398x^2y + 4.0632xy^2 + 21.228y^3$$

$$81) (7.2x + 2.56y)(6x^2 - 6.6xy - 5.7y^2)$$

$$43.2x^3 - 32.16x^2y - 57.936xy^2 - 14.592y^3$$

$$82) (7.2u - 0.6v)(6.16u^2 - 1.1uv - 1.3v^2)$$

$$44.352u^3 - 11.616u^2v - 8.7uv^2 + 0.78v^3$$

$$83) (3.5x + 0.4y)(0.4x^2 - 7xy - 3.3y^2)$$

$$1.4x^3 - 24.34x^2y - 14.35xy^2 - 1.32y^3$$

$$84) (3.5u - 7v)(3.9u^2 + 1.9uv + 0.787v^2)$$

$$13.65u^3 - 20.65u^2v - 10.5455uv^2 - 5.509v^3$$

$$85) (3.6x - 6y)(7.3x^2 + 2.4xy - 0.7y^2)$$

$$26.28x^3 - 35.16x^2y - 16.92xy^2 + 4.2y^3$$

$$86) (8a - 4.9b)(2.7a^2 - 4.8ab + 0.6b^2)$$

$$21.6a^3 - 51.63a^2b + 28.32ab^2 - 2.94b^3$$

$$87) (8x + 6.54y)(7.3x^2 - 7.6xy + 4.7y^2)$$

$$58.4x^3 - 13.058x^2y - 12.104xy^2 + 30.738y^3$$

$$88) (4.3a - 2.22b)(3.332a^2 + 3.3ab + 1.2b^2)$$

$$14.3276a^3 + 6.79296a^2b - 2.166ab^2 - 2.664b^3$$

$$89) (4.3x + 5.9y)(0.5x^2 + 5.1xy + 4.6y^2)$$

$$2.15x^3 + 24.88x^2y + 49.87xy^2 + 27.14y^3$$

$$90) (0.6m + 6.9n)(3.9m^2 - 2mn + 5.9n^2)$$

$$2.34m^3 + 25.71m^2n - 10.26mn^2 + 40.71n^3$$

$$91) (0.7x - 0.5y)(7.4x^2 - 1.6xy + 7.2y^2)$$

$$5.18x^3 - 4.82x^2y + 5.84xy^2 - 3.6y^3$$

$$92) (5.1m + 0.5n)(0.25m^2 + 1.9mn + 5.86n^2)$$

$$1.275m^3 + 9.815m^2n + 30.836mn^2 + 2.93n^3$$

$$93) (2.19x - 4.7y)(5x^2 + 5.41xy + 3.838y^2)$$

$$10.95x^3 - 11.6521x^2y - 17.02178xy^2 - 18.0386y^3$$

$$94) (1.4x - 5.8y)(1.5x^2 + 0.7xy - 5y^2)$$

$$2.1x^3 - 7.72x^2y - 11.06xy^2 + 29y^3$$

$$95) (1.4x - 3.097y)(2.7x^2 - 7.1xy + 7.7y^2)$$

$$3.78x^3 - 18.3019x^2y + 32.7687xy^2 - 23.8469y^3$$

$$96) (1.4x + 0.83y)(3.21x^2 - 2.4xy - 8y^2)$$

$$4.494x^3 - 0.6957x^2y - 13.192xy^2 - 6.64y^3$$

$$97) (5.9u + 4.9v)(3.8u^2 - 5.5uv - 1.1v^2)$$

$$22.42u^3 - 13.83u^2v - 33.44uv^2 - 5.39v^3$$

$$98) (5.9x + 6y)(7.2x^2 + 3.14xy + 4.8y^2)$$

$$42.48x^3 + 61.726x^2y + 47.16xy^2 + 28.8y^3$$

$$99) (2.2u + 7v)(6.2u^2 + 3.9uv + 1.6v^2)$$

$$13.64u^3 + 51.98u^2v + 30.82uv^2 + 11.2v^3$$

$$100) (0.17x - 1.5y)(5.2x^2 + 2.5xy - 2.5y^2)$$

$$0.884x^3 - 7.375x^2y - 4.175xy^2 + 3.75y^3$$

$$101) (0.4a - 0.6b)(8.8a^2 - 4.2ab + 3.27b^2)$$

$$3.52a^3 - 6.96a^2b + 3.828ab^2 - 1.962b^3$$

$$102) (10.4x - 0.23y)(2.98x^2 + 2.8xy + 8y^2)$$

$$30.992x^3 + 28.4346x^2y + 82.556xy^2 - 1.84y^3$$

$$103) (4x - 9.27y)(6.6x^2 + 7.6xy + 0.3y^2)$$

$$26.4x^3 - 30.782x^2y - 69.252xy^2 - 2.781y^3$$

$$104) (6.1a - 8.451b)(8.9a^2 - 4.1ab - 4.1b^2)$$

$$54.29a^3 - 100.2239a^2b + 9.6391ab^2 + 34.6491b^3$$

$$105) (8.77m - 4.4n)(4.3m^2 - 4.7mn + 4.7n^2)$$

$$37.711m^3 - 60.139m^2n + 61.899mn^2 - 20.68n^3$$

$$106) (9.6x + 2.6y)(1.9x^2 + 7.1xy + 9.1y^2)$$

$$18.24x^3 + 73.1x^2y + 105.82xy^2 + 23.66y^3$$

$$107) (6.23m + 9.7n)(11.7m^2 - 5.2mn - 10.5n^2)$$

$$72.891m^3 + 81.094m^2n - 115.855mn^2 - 101.85n^3$$

- 108) $(3.1x - 8.8y)(9.6x^2 - 5.216xy - 6.1y^2)$
 $29.76x^3 - 100.6496x^2y + 26.9908xy^2 + 53.68y^3$
- 109) $(1.1x + 10.4y)(8.5x^2 + 1.5xy - 4.3y^2)$
 $9.35x^3 + 90.05x^2y + 10.87xy^2 - 44.72y^3$
- 110) $(6.7x - 9.805y)(2.4x^2 - 9.19xy + 7.1y^2)$
 $16.08x^3 - 85.105x^2y + 137.67795xy^2 - 69.6155y^3$
- 111) $(6.76u - 2.3v)(9.9u^2 - 7.065uv + 4.6v^2)$
 $66.924u^3 - 70.5294u^2v + 47.3455uv^2 - 10.58v^3$
- 112) $(0.2x - 7.3y)(7.2x^2 + 4.3xy + 8.8y^2)$
 $1.44x^3 - 51.7x^2y - 29.63xy^2 - 64.24y^3$
- 113) $(8.8x + 10.24y)(4.7x^2 + 5.3xy + 2.7y^2)$
 $41.36x^3 + 94.768x^2y + 78.032xy^2 + 27.648y^3$
- 114) $(1.5a + 3b)(9.2a^2 - 6ab - 11.5b^2)$
 $13.8a^3 + 18.6a^2b - 35.25ab^2 - 34.5b^3$
- 115) $(5.9x + 7.1y)(0.5x^2 + 5.7xy + 3.3y^2)$
 $2.95x^3 + 37.18x^2y + 59.94xy^2 + 23.43y^3$
- 116) $(8u + 11.9v)(3.8u^2 - 9.46uv - 3.8v^2)$
 $30.4u^3 - 30.46u^2v - 142.974uv^2 - 45.22v^3$
- 117) $(11.5x + 5.45y)(10.3x^2 - 9.3xy + 6.1y^2)$
 $118.45x^3 - 50.815x^2y + 19.465xy^2 + 33.245y^3$
- 118) $(5x - 11.159y)(5.7x^2 - 10.7xy - 5.9y^2)$
 $28.5x^3 - 117.1063x^2y + 89.9013xy^2 + 65.8381y^3$
- 119) $(9.4a - 3.3b)(8a^2 + 2.5ab - 10.3b^2)$
 $75.2a^3 - 2.9a^2b - 105.07ab^2 + 33.99b^3$
- 120) $(3m + 8.6n)(10.2m^2 - 3.2mn + 1.7n^2)$
 $30.6m^3 + 78.12m^2n - 22.42mn^2 + 14.62n^3$
- 121) $(10.7x + 3.7y)(6.302x^2 - 11.2xy + 2.9y^2)$
 $67.4314x^3 - 96.5226x^2y - 10.41xy^2 + 10.73y^3$
- 122) $(4.2x - 5.2y)(0.1x^2 + 11.4xy + 5.5y^2)$
 $0.42x^3 + 47.36x^2y - 36.18xy^2 - 28.6y^3$
- 123) $(8.6m - 0.3n)(3.5m^2 - 1.7mn - 3.8n^2)$
 $30.1m^3 - 15.67m^2n - 32.17mn^2 + 1.14n^3$
- 124) $(2.1x - 10y)(8.9x^2 + 7.08xy - 8y^2)$
 $18.69x^3 - 74.132x^2y - 87.6xy^2 + 80y^3$
- 125) $(9.8x - 8.09y)(1.5x^2 + 11.1xy - 3.6y^2)$
 $14.7x^3 + 96.645x^2y - 125.079xy^2 + 29.124y^3$
- 126) $(3.4u - 1.58v)(8.9u^2 + 10.6uv + 5.2v^2)$
 $30.26u^3 + 21.978u^2v + 0.932uv^2 - 8.216v^3$
- 127) $(7.8x + 7.17y)(11.3x^2 - 1.2xy + 0.8y^2)$
 $88.14x^3 + 71.661x^2y - 2.364xy^2 + 5.736y^3$
- 128) $(1.3x - 4.5y)(7.6x^2 + 2.5xy + 3.8y^2)$
 $9.88x^3 - 30.95x^2y - 6.31xy^2 - 17.1y^3$
- 129) $(11.3u - 8.5v)(4.2u^2 - 8.4uv - 11v^2)$
 $47.46u^3 - 130.62u^2v - 52.9uv^2 + 93.5v^3$
- 130) $(6.9x + 10.7y)(3.1x^2 + 3.9xy - 1.6y^2)$
 $21.39x^3 + 60.08x^2y + 30.69xy^2 - 17.12y^3$
- 131) $(4.8a + 5.9b)(1.89a^2 + 8.8ab - 1.2b^2)$
 $9.072a^3 + 53.391a^2b + 46.16ab^2 - 7.08b^3$
- 132) $(3.72x - 9.37y)(6x^2 - 7.1xy - 3.1y^2)$
 $22.32x^3 - 82.632x^2y + 54.995xy^2 + 29.047y^3$
- 133) $(10.5a + 2.38b)(7.1a^2 + 6.29ab - 5.6b^2)$
 $74.55a^3 + 82.943a^2b - 43.8298ab^2 - 13.328b^3$
- 134) $(2.187x + 10.3y)(4.37x^2 + 11.5xy + 6.11y^2)$
 $9.55719x^3 + 70.1615x^2y + 131.81257xy^2 + 62.933y^3$

- 135) $(11.7x + 7.4y)(7.2x^2 + 9xy + 6y^2)$
 $84.24x^3 + 158.58x^2y + 136.8xy^2 + 44.4y^3$
- 136) $(4m - 11.9n)(10.6m^2 - 4.2mn - 3.3n^2)$
 $42.4m^3 - 142.94m^2n + 36.78mn^2 + 39.27n^3$
- 137) $(9.6m + 2.5n)(9.82m^2 + 6.4mn + 1.1n^2)$
 $94.272m^3 + 85.99m^2n + 26.56mn^2 + 2.75n^3$
- 138) $(5.3x - 1.5y)(0.5x^2 + 10.4xy + 0.5y^2)$
 $2.65x^3 + 54.37x^2y - 12.95xy^2 - 0.75y^3$
- 139) $(10.31x - 1.8y)(2.9x^2 + 5.9xy + 9.9y^2)$
 $29.899x^3 + 55.609x^2y + 91.449xy^2 - 17.82y^3$
- 140) $(1.1x + 5.766y)(0.6x^2 - 7.2xy - 0.78y^2)$
 $0.66x^3 - 4.4604x^2y - 42.3732xy^2 - 4.49748y^3$
- 141) $(8.8x + 9.693y)(10.4x^2 + 4.6xy - 5.4y^2)$
 $91.52x^3 + 141.2872x^2y - 2.9322xy^2 - 52.3422y^3$
- 142) $(6.7u + 4.1v)(8u^2 - 7.7uv - 5.73v^2)$
 $53.6u^3 - 18.79u^2v - 69.961uv^2 - 23.493v^3$
- 143) $(2.3x - 0.8y)(10.2x^2 + 1.5xy - 1.1y^2)$
 $23.46x^3 - 4.71x^2y - 3.73xy^2 + 0.88y^3$
- 144) $(2.24u + 10.3v)(3.4u^2 - 8.2uv + 7.8v^2)$
 $7.616u^3 + 16.652u^2v - 66.988uv^2 + 80.34v^3$
- 145) $(8x - 9.7y)(3.5x^2 + 2.9xy - 6.6y^2)$
 $28x^3 - 10.75x^2y - 80.93xy^2 + 64.02y^3$
- 146) $(8.036a + 0.4b)(8.5a^2 - 9.5ab - 7.5b^2)$
 $68.306a^3 - 72.942a^2b - 64.07ab^2 - 3b^3$
- 147) $(1.5x - 7.2y)(6.478x^2 - 0.48xy + 10.1y^2)$
 $9.717x^3 - 47.3616x^2y + 18.606xy^2 - 72.72y^3$
- 148) $(11.5a + 4.412b)(2.223a^2 - 3.6ab + 0.9b^2)$
 $25.5645a^3 - 31.592124a^2b - 5.5332ab^2 + 3.9708b^3$
- 149) $(7.2x - 0.69y)(1.5x^2 + 1.7xy + 5.7y^2)$
 $10.8x^3 + 11.205x^2y + 39.867xy^2 - 3.933y^3$
- 150) $(0.7x + 11y)(4.787x^2 - 4.78xy - 7.4y^2)$
 $3.3509x^3 + 49.311x^2y - 57.76xy^2 - 81.4y^3$
- 151) $(5.1m - 9.45n)(11.3m^2 - 10.6mn + 10.2n^2)$
 $57.63m^3 - 160.845m^2n + 152.19mn^2 - 96.39n^3$
- 152) $(10.7m + 6.2n)(6.5m^2 - 3.8mn + 9.6n^2)$
 $69.55m^3 - 0.36m^2n + 79.16mn^2 + 59.52n^3$
- 153) $(0.638x - 4.708y)(0.6x^2 - 5.2xy + 11.7y^2)$
 $0.3828x^3 - 6.1424x^2y + 31.9462xy^2 - 55.0836y^3$
- 154) $(4.2x - 2.7y)(11.9x^2 - 2.4xy + 4.1y^2)$
 $49.98x^3 - 42.21x^2y + 23.7xy^2 - 11.07y^3$
- 155) $(2.2x + 3.27y)(11.8x^2 - 0.6xy + 8.1y^2)$
 $25.96x^3 + 37.266x^2y + 15.858xy^2 + 26.487y^3$
- 156) $(9.9x + 3.058y)(9.5x^2 + 10.4xy + 8.99y^2)$
 $94.05x^3 + 132.011x^2y + 120.8042xy^2 + 27.49142y^3$
- 157) $(7.8u + 9.78v)(4.8u^2 - 1.9uv - 7.2v^2)$
 $37.44u^3 + 32.124u^2v - 74.742uv^2 - 70.416v^3$
- 158) $(3.4x + 2.8y)(10.6x^2 + 0.5xy - 7.953y^2)$
 $36.04x^3 + 31.38x^2y - 25.6402xy^2 - 22.2684y^3$
- 159) $(1.3u - 2v)(7.3u^2 - 11.3uv + 2.4v^2)$
 $9.49u^3 - 29.29u^2v + 25.72uv^2 - 4.8v^3$

- 160) $(9x - 6.8y)(3.9x^2 + 1.9xy + 5.25y^2)$
 $35.1x^3 - 9.42x^2y + 34.33xy^2 - 35.7y^3$
- 162) $(2.6x + 8.4y)(11.6x^2 + 3.3xy + 6.3y^2)$
 $30.16x^3 + 106.02x^2y + 44.1xy^2 + 52.92y^3$
- 164) $(10.5x + 1.704y)(0.6x^2 + 7.5xy - 0.5y^2)$
 $6.3x^3 + 79.7724x^2y + 7.53xy^2 - 0.852y^3$
- 166) $(5.25x - 1.2y)(9.17x^2 - 4.7xy - 0.9y^2)$
 $48.1425x^3 - 35.679x^2y + 0.915xy^2 + 1.08y^3$
- 168) $(9.7x + 5y)(3.6x^2 + 7.6xy - 10.2y^2)$
 $34.92x^3 + 91.72x^2y - 60.94xy^2 - 51y^3$
- 170) $(3.2x - 3.9y)(2.84x^2 + 5.2xy + 1.8y^2)$
 $9.088x^3 + 5.564x^2y - 14.52xy^2 - 7.02y^3$
- 172) $(8.8u + 0.35v)(4.81u^2 + 3uv + 7.3v^2)$
 $42.328u^3 + 28.0835u^2v + 65.29uv^2 + 2.555v^3$
- 174) $(2.4u + 1.7v)(9.9u^2 + 2.22uv - 4.6v^2)$
 $23.76u^3 + 22.158u^2v - 7.266uv^2 - 7.82v^3$
- 176) $(8a - 7.2b)(3.2a^2 - 10.9ab - 8b^2)$
 $25.6a^3 - 110.24a^2b + 14.48ab^2 + 57.6b^3$
- 178) $(0.396a - 11.1b)(2a^2 + 1.5ab - 11.1b^2)$
 $0.792a^3 - 21.606a^2b - 21.0456ab^2 + 123.21b^3$
- 179) $(11.6x + 10.67y)(11.8x^2 - 10.8xy - 11.426y^2)$
 $136.88x^3 + 0.626x^2y - 247.7776xy^2 - 121.91542y^3$
- 180) $(5.1x - 6.5y)(10.6x^2 + 4.3xy - 9.7y^2)$
 $54.06x^3 - 46.97x^2y - 77.42xy^2 + 63.05y^3$
- 182) $(0.7m - 11.4n)(7.3m^2 - 6.6mn - 0.4n^2)$
 $5.11m^3 - 87.84m^2n + 74.96mn^2 + 4.56n^3$
- 184) $(6.4x + 3.8y)(2.9x^2 - 5.25xy - 8.8y^2)$
 $18.56x^3 - 22.58x^2y - 76.27xy^2 - 33.44y^3$
- 161) $(7a - 10.9b)(0.5a^2 - 9.8ab - 3.1b^2)$
 $3.5a^3 - 74.05a^2b + 85.12ab^2 + 33.79b^3$
- 163) $(0.5a - 10.27b)(3a^2 - 4.3ab - 4.9b^2)$
 $1.5a^3 - 32.96a^2b + 41.711ab^2 + 50.323b^3$
- 165) $(6.1m - 3.77n)(10.4m^2 - 4.8mn + 3.9n^2)$
 $63.44m^3 - 68.488m^2n + 41.886mn^2 - 14.703n^3$
- 167) $(11.8m + 9.9n)(6.9m^2 - 5.6mn - 7.557n^2)$
 $81.42m^3 + 2.23m^2n - 144.6126mn^2 - 74.8143n^3$
- 169) $(5.3x + 0.2y)(0.2x^2 - 4.2xy - 0.9y^2)$
 $1.06x^3 - 22.22x^2y - 5.61xy^2 - 0.18y^3$
- 171) $(10.9x + 0.2y)(6.2x^2 - 7.1xy + 6.3y^2)$
 $67.58x^3 - 76.15x^2y + 67.25xy^2 + 1.26y^3$
- 173) $(2.385x + 0.9y)(1.6x^2 - 7.32xy + 4y^2)$
 $3.816x^3 - 16.0182x^2y + 2.952xy^2 + 3.6y^3$
- 175) $(0.3x - 3.2y)(6.6x^2 + 0.1xy + 6.8y^2)$
 $1.98x^3 - 21.09x^2y + 1.72xy^2 - 21.76y^3$
- 177) $(5.9x + 12y)(12x^2 + 1.5xy + 1.3y^2)$
 $70.8x^3 + 152.85x^2y + 25.67xy^2 + 15.6y^3$
- 181) $(9.84m + 3n)(3.01m^2 + 5.1mn + 8.9n^2)$
 $29.6184m^3 + 59.214m^2n + 102.876mn^2 + 26.7n^3$
- 183) $(10.7x + 8.7y)(6.2x^2 + 5.8xy + 9y^2)$
 $66.34x^3 + 116x^2y + 146.76xy^2 + 78.3y^3$
- 185) $(4.999x - 9.8y)(5.09x^2 + 3.5xy - 5.2y^2)$
 $25.44491x^3 - 32.3855x^2y - 60.2948xy^2 + 50.96y^3$

- 186) $(2.2x + 5.88y)(10.66x^2 - 7.31xy - 7.9y^2)$
 $23.452x^3 + 46.5988x^2y - 60.3628xy^2 - 46.452y^3$
- 187) $(9.9u - 2.88v)(3u^2 + 10.5uv + 4.4v^2)$
 $29.7u^3 + 95.31u^2v + 13.32uv^2 - 12.672v^3$
- 188) $(7.8x - 11.63y)(0.7x^2 - 2.6xy + 8.8y^2)$
 $5.46x^3 - 28.421x^2y + 98.878xy^2 - 102.344y^3$
- 189) $(3.4u + 5.3v)(10.3u^2 + 10uv - 7.5v^2)$
 $35.02u^3 + 88.59u^2v + 27.5uv^2 - 39.75v^3$
- 190) $(9.1a - 4.4b)(3.6a^2 + 11.4ab + 11.1b^2)$
 $32.76a^3 + 87.9a^2b + 50.85ab^2 - 48.84b^3$
- 191) $(1.4x + 0.5y)(9.28x^2 - 3.1xy - 6.5y^2)$
 $12.992x^3 + 0.3x^2y - 10.65xy^2 - 3.25y^3$
- 192) $(7x - 8.4y)(0.2x^2 + 0.5xy - 3.7y^2)$
 $1.4x^3 + 1.82x^2y - 30.1xy^2 + 31.08y^3$
- 193) $(2.6a + 10.8b)(11.3a^2 - 11.3ab - 4.22b^2)$
 $29.38a^3 + 92.66a^2b - 133.012ab^2 - 45.576b^3$
- 194) $(0.5x - 7.66y)(8.6x^2 + 3.65xy - 6.1y^2)$
 $4.3x^3 - 64.051x^2y - 31.009xy^2 + 46.726y^3$
- 195) $(8.2m + 7.59n)(6.3m^2 + 6.8mn - 8.5n^2)$
 $51.66m^3 + 103.577m^2n - 18.088mn^2 - 64.515n^3$
- 196) $(6.2x - 2.9y)(5.2x^2 - 5.5xy - 4.1y^2)$
 $32.24x^3 - 49.18x^2y - 9.47xy^2 + 11.89y^3$
- 197) $(4.1m - 7.7n)(10m^2 - 8.4mn - 2.46n^2)$
 $41m^3 - 111.44m^2n + 54.594mn^2 + 18.942n^3$
- 198) $(11.8x + 11.5y)(6.6x^2 + 4.7xy + 4y^2)$
 $77.88x^3 + 131.36x^2y + 101.25xy^2 + 46y^3$
- 199) $(9.7x + 7.5y)(3.3x^2 - 7xy - 10.8y^2)$
 $32.01x^3 - 43.15x^2y - 157.26xy^2 - 81y^3$
- 200) $(5.501x + 1.5y)(6.7x^2 - 7.3xy - 5.261y^2)$
 $36.8567x^3 - 30.1073x^2y - 39.890761xy^2 - 7.8915y^3$
- 201) $(14x + 7.921y)(8.9x^2 - 16.9xy + 6.8y^2)$
 $124.6x^3 - 166.1031x^2y - 38.6649xy^2 + 53.8628y^3$
- 202) $(11.6u + 18.4v)(18.2u^2 + 9.9uv - 10.518v^2)$
 $211.12u^3 + 449.72u^2v + 60.1512uv^2 - 193.5312v^3$
- 203) $(6.1u - 11.4v)(17.7u^2 - 5.5uv + 10.074v^2)$
 $107.97u^3 - 235.33u^2v + 124.1514uv^2 - 114.8436v^3$
- 204) $(7.38x - 7.02y)(15.2x^2 + 8.9xy + 13.7y^2)$
 $112.176x^3 - 41.022x^2y + 38.628xy^2 - 96.174y^3$
- 205) $(8.6x + 10.06y)(6.9x^2 - 3.4xy + 15.6y^2)$
 $59.34x^3 + 40.174x^2y + 99.956xy^2 + 156.936y^3$
- 206) $(0.6a + 17.8b)(16.19a^2 - 14.6ab - 11.3b^2)$
 $9.714a^3 + 279.422a^2b - 266.66ab^2 - 201.14b^3$
- 207) $(14.8a + 6.9b)(16.5a^2 + 5.4ab + 4.6b^2)$
 $244.2a^3 + 193.77a^2b + 105.34ab^2 + 31.74b^3$
- 208) $(13.38x + 6.7y)(1.7x^2 + 12.1xy - 6.9y^2)$
 $22.746x^3 + 173.288x^2y - 11.252xy^2 - 46.23y^3$
- 209) $(9.3m + 4.86n)(8m^2 + 0.9mn + 6.3n^2)$
 $74.4m^3 + 47.25m^2n + 62.964mn^2 + 30.618n^3$
- 210) $(12.3x + 6.567y)(19.3x^2 + 13.51xy - 1.02y^2)$
 $237.39x^3 + 292.9161x^2y + 76.17417xy^2 - 6.69834y^3$

$$211) (3.35m + 16.6n)(3.84m^2 - 14.5mn + 9.1n^2)$$

$$12.864m^3 + 15.169m^2n - 210.215mn^2 + 151.06n^3$$

$$212) (6.8x - 15.1y)(5.5x^2 - 18.79xy + 10.7y^2)$$

$$37.4x^3 - 210.822x^2y + 356.489xy^2 - 161.57y^3$$

$$213) (1.3x + 2.7y)(4.9x^2 - 16.7xy + 10.8y^2)$$

$$6.37x^3 - 8.48x^2y - 31.05xy^2 + 29.16y^3$$

$$214) (19.39x - 14.57y)(19.2x^2 - 4xy - 2.8y^2)$$

$$372.288x^3 - 357.304x^2y + 3.988xy^2 + 40.796y^3$$

$$215) (13x - 19.3y)(3.122x^2 + 3.16xy - 14.7y^2)$$

$$40.586x^3 - 19.1746x^2y - 252.088xy^2 + 283.71y^3$$

$$216) (16x - 8.2y)(3.8x^2 + 8.8xy - 18.7y^2)$$

$$60.8x^3 + 109.64x^2y - 371.36xy^2 + 153.34y^3$$

$$217) (10.5u + 5.212v)(9.6u^2 + 16.7uv - 2.9v^2)$$

$$100.8u^3 + 225.3852u^2v + 56.5904uv^2 - 15.1148v^3$$

$$218) (7.5x - 8.68y)(11.154x^2 + 17.1xy + 17.38y^2)$$

$$83.655x^3 + 31.43328x^2y - 18.078xy^2 - 150.8584y^3$$

$$219) (2.1x - 12.4y)(12.3x^2 - 1.9xy - 12.5y^2)$$

$$25.83x^3 - 156.51x^2y - 2.69xy^2 + 155y^3$$

$$220) (19.2a - 12.1b)(1.9a^2 - 18.24ab + 14.7b^2)$$

$$36.48a^3 - 373.198a^2b + 502.944ab^2 - 177.87b^3$$

$$221) (19.41u + 9.8v)(7u^2 - 9.9uv + 5.9v^2)$$

$$135.87u^3 - 123.559u^2v + 17.499uv^2 + 57.82v^3$$

$$222) (13.7a + 5.7b)(1.3a^2 - 9.4ab + 10.911b^2)$$

$$17.81a^3 - 121.37a^2b + 95.9007ab^2 + 62.1927b^3$$

$$223) (16.7x + 16.8y)(11.7x^2 - 16.4xy - 2y^2)$$

$$195.39x^3 - 77.32x^2y - 308.92xy^2 - 33.6y^3$$

$$224) (11.2x - 0.069y)(11.2x^2 - 7.7xy - 12.2y^2)$$

$$125.44x^3 - 87.0128x^2y - 136.1087xy^2 + 0.8418y^3$$

$$225) (8.3m + 3.858n)(20m^2 + 7.7mn + 7.156n^2)$$

$$166m^3 + 141.07m^2n + 89.1014mn^2 + 27.607848n^3$$

$$226) (0.3x + 12.9y)(9.4x^2 + 20xy - 10.5y^2)$$

$$2.82x^3 + 127.26x^2y + 254.85xy^2 - 135.45y^3$$

$$227) (2.8m - 16.1n)(19.7m^2 + 0.061mn - 14.103n^2)$$

$$55.16m^3 - 316.9992m^2n - 40.4705mn^2 + 227.0583n^3$$

$$228) (17.4x + 1.7y)(18.28x^2 - 5.4xy - 2.593y^2)$$

$$318.072x^3 - 62.884x^2y - 54.2982xy^2 - 4.4081y^3$$

$$229) (5.41x - 14.875y)(11.5x^2 + 19.1xy - 11.4y^2)$$

$$62.215x^3 - 67.7315x^2y - 345.7865xy^2 + 169.575y^3$$

$$230) (14.4u + 2v)(8.8u^2 + 5.4uv + 14.2v^2)$$

$$126.72u^3 + 95.36u^2v + 215.28uv^2 + 28.4v^3$$

$$231) (12x - 9.2y)(18.5x^2 + 12.5xy - 14.8y^2)$$

$$222x^3 - 20.2x^2y - 292.6xy^2 + 136.16y^3$$

232) $(9u + 5.73v)(9.34u^2 + 13uv + 13.52v^2)$ $84.06u^3 + 170.5182u^2v + 196.17uv^2 + 77.4696v^3$	233) $(6.5x + 4.99y)(9.7x^2 + 10.2xy - 12.7y^2)$ $63.05x^3 + 114.703x^2y - 31.652xy^2 - 63.373y^3$
234) $(x - 2.2y)(16.8x^2 - 16.7xy + 6.2y^2)$ $16.8x^3 - 53.66x^2y + 42.94xy^2 - 13.64y^3$	235) $(3.5u + 8.9v)(7.5u^2 + 16.4uv + 13.88v^2)$ $26.25u^3 + 124.15u^2v + 194.54uv^2 + 123.532v^3$
236) $(18.1a - 13.4b)(6.4a^2 + 1.8ab - 8.5b^2)$ $115.84a^3 - 53.18a^2b - 177.97ab^2 + 113.9b^3$	237) $(15.7x - 13.1y)(16.2x^2 - 18.9xy + 5y^2)$ $254.34x^3 - 508.95x^2y + 326.09xy^2 - 65.5y^3$
238) $(12.7a + 15.8b)(5.8a^2 - 12.8ab + 2b^2)$ $73.66a^3 - 70.92a^2b - 176.84ab^2 + 31.6b^3$	
239) $(7.2m - 7.81n)(11.3m^2 - 14.2mn + 18.2n^2)$ $81.36m^3 - 190.493m^2n + 241.942mn^2 - 142.142n^3$	
240) $(16.92x - 13.7y)(2.6x^2 - 0.9xy + 13.8y^2)$ $43.992x^3 - 50.848x^2y + 245.826xy^2 - 189.06y^3$	241) $(2.91x + 9.8y)(12.2x^2 + 16.97xy + 4.8y^2)$ $35.502x^3 + 168.9427x^2y + 180.274xy^2 + 47.04y^3$
242) $(1.7m - 17.3n)(4.6m^2 - 1.9mn - 17.1n^2)$ $7.82m^3 - 82.81m^2n + 3.8mn^2 + 295.83n^3$	
243) $(18.9x - 17.1y)(14.3x^2 + 5.2xy + 17.85y^2)$ $270.27x^3 - 146.25x^2y + 248.445xy^2 - 305.235y^3$	
244) $(16.4x + 11.9y)(4x^2 - 6.152xy - 4.3y^2)$ $65.6x^3 - 53.2928x^2y - 143.7288xy^2 - 51.17y^3$	245) $(13.4u + 0.7v)(3.768u^2 - 11.9uv + 0.1v^2)$ $50.4912u^3 - 156.8224u^2v - 6.99uv^2 + 0.07v^3$
246) $(7.9u + 19.4v)(12.9u^2 - 9.8uv + 8.9v^2)$ $101.91u^3 + 172.84u^2v - 119.81uv^2 + 172.66v^3$	247) $(5.4x + 18.66y)(1.6x^2 + 17xy - 19.41y^2)$ $8.64x^3 + 121.656x^2y + 212.406xy^2 - 362.1906y^3$
248) $(2.92x + 19.7y)(3.7x^2 + 14.9xy + 4.5y^2)$ $10.804x^3 + 116.398x^2y + 306.67xy^2 + 88.65y^3$	249) $(2.5u + 7.7v)(4.826u^2 - 2.56uv + 3v^2)$ $12.065u^3 + 30.7602u^2v - 12.212uv^2 + 23.1v^3$
250) $(15.3x - 13.7y)(12.3x^2 - 15.1xy + 11.4y^2)$ $188.19x^3 - 399.54x^2y + 381.29xy^2 - 156.18y^3$	
251) $(15.43a + 18.1b)(7.8a^2 + 17.1ab - 13.6b^2)$ $120.354a^3 + 405.033a^2b + 99.662ab^2 - 246.16b^3$	252) $(14.1x - 14.4y)(x^2 + 5.4xy + 12.188y^2)$ $14.1x^3 + 61.74x^2y + 94.0908xy^2 - 175.5072y^3$
253) $(8.94a + 12.9b)(5.3a^2 + 19.2ab - 4.8b^2)$ $47.382a^3 + 240.018a^2b + 204.768ab^2 - 61.92b^3$	254) $(8.7x + 14.9y)(0.4x^2 - 1.01xy - 0.4y^2)$ $3.48x^3 - 2.827x^2y - 18.529xy^2 - 5.96y^3$

$$255) (6.2m + 5.86n)(2.7m^2 - 7.4mn + 4n^2)$$

$$16.74m^3 - 30.058m^2n - 18.564mn^2 + 23.44n^3$$

$$256) (3.2x + 5.12y)(19.96x^2 + 16.4xy - 13y^2)$$

$$63.872x^3 + 154.6752x^2y + 42.368xy^2 - 66.56y^3$$

$$257) (0.7m - 7.2n)(9.1m^2 - 16.7mn + 1.6n^2)$$

$$6.37m^3 - 77.21m^2n + 121.36mn^2 - 11.52n^3$$

$$258) (15.3x - 18.1y)(3.08x^2 + 8.2xy - 18.4y^2)$$

$$47.124x^3 + 69.712x^2y - 429.94xy^2 + 333.04y^3$$

$$259) (17.8x - 18.3y)(18.8x^2 + 1.8xy - 13.1y^2)$$

$$334.64x^3 - 312x^2y - 266.12xy^2 + 239.73y^3$$

$$260) (12.4u + 10.9v)(18.2u^2 - 2.2uv - 14v^2)$$

$$225.68u^3 + 171.1u^2v - 197.58uv^2 - 152.6v^3$$

$$261) (9.9x - 0.2y)(7.9x^2 + 5.7xy - 17.4y^2)$$

$$78.21x^3 + 54.85x^2y - 173.4xy^2 + 3.48y^3$$

$$262) (6.9u - 10.6v)(4.3u^2 + 8.4uv - 5.2v^2)$$

$$29.67u^3 + 12.38u^2v - 124.92uv^2 + 55.12v^3$$

$$263) (3.9x - 7.68y)(13.1x^2 - 16.3xy - 0.8y^2)$$

$$51.09x^3 - 164.178x^2y + 122.064xy^2 + 6.144y^3$$

$$264) (1.4u + 17.8v)(17u^2 - 0.46uv + 3.6v^2)$$

$$23.8u^3 + 301.956u^2v - 3.148uv^2 + 64.08v^3$$

$$265) (18.5x + 18.1y)(7.54x^2 - 2.8xy + 8y^2)$$

$$139.49x^3 + 84.674x^2y + 97.32xy^2 + 144.8y^3$$

$$266) (16.1a + 6.9b)(16.4a^2 - 16.4ab - 11.2b^2)$$

$$264.04a^3 - 150.88a^2b - 293.48ab^2 - 77.28b^3$$

$$267) (13.1x - 4.2y)(5.5x^2 + 2xy + 14.1y^2)$$

$$72.05x^3 + 3.1x^2y + 176.31xy^2 - 59.22y^3$$

$$268) (10.6a - 15.3b)(15.3a^2 + 9.1ab - 0.6b^2)$$

$$162.18a^3 - 137.63a^2b - 145.59ab^2 + 9.18b^3$$

$$269) (7.6x - 15.1y)(4.9x^2 - 12.6xy - 19.831y^2)$$

$$37.24x^3 - 169.75x^2y + 39.5444xy^2 + 299.4481y^3$$

$$270) (5.1m - 16.047n)(14.7m^2 + 3.31mn + 17.9n^2)$$

$$74.97m^3 - 219.0099m^2n + 38.17443mn^2 - 287.2413n^3$$

$$271) (2.1x + 18.79y)(3.4x^2 - 13.9xy - 2.71y^2)$$

$$7.14x^3 + 34.696x^2y - 266.872xy^2 - 50.9209y^3$$

$$272) (19.8m + 3n)(14m^2 + 20mn - 19.7n^2)$$

$$277.2m^3 + 438m^2n - 330.06mn^2 - 59.1n^3$$

$$273) (6.45x - 10.6y)(0.8x^2 - 1.13xy - 14.3y^2)$$

$$5.16x^3 - 15.7685x^2y - 80.257xy^2 + 151.58y^3$$

$$274) (13.8x - 19.3y)(13.4x^2 + 5.4xy - 9.2y^2)$$

$$184.92x^3 - 184.1x^2y - 231.18xy^2 + 177.56y^3$$

$$275) (11.3u - 19v)(2.47u^2 + 1.7uv + 19.83v^2)$$

$$27.911u^3 - 27.72u^2v + 191.779uv^2 - 376.77v^3$$

$$276) (8.3x + 9.9y)(12.8x^2 - 9.2xy + 1.3y^2)$$

$$106.24x^3 + 50.36x^2y - 80.29xy^2 + 12.87y^3$$

$$277) (5.8u - 1.2v)(2u^2 - 12.43uv + 14.9v^2)$$

$$11.6u^3 - 74.494u^2v + 101.336uv^2 - 17.88v^3$$

$$278) (0.4u - 12.1v)(1.4u^2 - 5.3uv - 2.9v^2)$$

$$0.56u^3 - 19.06u^2v + 62.97uv^2 + 35.09v^3$$

$$279) (2.9x - 17.401y)(4.5x^2 + 1.9xy - 3.5y^2)$$

$$13.05x^3 - 72.7945x^2y - 43.2119xy^2 + 60.9035y^3$$

$$280) (12.46x - 17.4y)(2.4x^2 + 4xy + 5.3y^2)$$

$$29.904x^3 + 8.08x^2y - 3.562xy^2 - 92.22y^3$$

$$281) (15a + 17.1b)(0.8a^2 - 19.9ab + 7.6b^2)$$

$$12a^3 - 284.82a^2b - 226.29ab^2 + 129.96b^3$$

$$282) (12x + 6y)(10.5x^2 - 12.8xy - 12.58y^2)$$

$$126x^3 - 90.6x^2y - 227.76xy^2 - 75.48y^3$$

$$283) (9.5a - 5.2b)(0.1a^2 + 5.7ab + 18.1b^2)$$

$$0.95a^3 + 53.63a^2b + 142.31ab^2 - 94.12b^3$$

$$284) (6.6x - 4.9y)(9.9x^2 + 12.7xy + 3.3y^2)$$

$$65.34x^3 + 35.31x^2y - 40.45xy^2 - 16.17y^3$$

$$285) (4.96m - 18.9n)(6.1m^2 + 6.2mn - 12.8n^2)$$

$$30.256m^3 - 84.538m^2n - 180.668mn^2 + 241.92n^3$$

$$286) (1.1x - 18.755y)(14.9x^2 - 7.1xy - 8.4y^2)$$

$$16.39x^3 - 287.2595x^2y + 123.9205xy^2 + 157.542y^3$$

$$287) (18.47m + 11.144n)(11.625m^2 - 4mn - 10.4n^2)$$

$$214.71375m^3 + 55.669m^2n - 236.664mn^2 - 115.8976n^3$$

$$288) (15.7x + 2y)(8.967x^2 - 8.329xy - 15.1y^2)$$

$$140.7819x^3 - 112.8313x^2y - 253.728xy^2 - 30.2y^3$$

$$289) (12.8x - 9.1y)(17.9x^2 + 2xy - 9.5y^2)$$

$$229.12x^3 - 137.29x^2y - 139.8xy^2 + 86.45y^3$$

$$290) (10.3u + 19.8v)(7.6u^2 + 9.1uv - 5.2v^2)$$

$$78.28u^3 + 244.21u^2v + 126.62uv^2 - 102.96v^3$$

$$291) (7.3x - 20y)(17.3x^2 - 0.199xy + 13.6y^2)$$

$$126.29x^3 - 347.4527x^2y + 103.26xy^2 - 272y^3$$

$$292) (15.104u + 14.4v)(7.7u^2 + 10.78uv + 12.5v^2)$$

$$116.3008u^3 + 273.70112u^2v + 344.032uv^2 + 180v^3$$

$$293) (1.8x - 12.75y)(16.5x^2 + 8.7xy - 17.7y^2)$$

$$29.7x^3 - 194.715x^2y - 142.785xy^2 + 225.675y^3$$

$$294) (19.4a - 2b)(6.3a^2 + 20ab + 15.8b^2)$$

$$122.22a^3 + 375.4a^2b + 266.52ab^2 - 31.6b^3$$

$$295) (16.5x - 13.1y)(16.1x^2 - 1.6xy + y^2)$$

$$265.65x^3 - 237.31x^2y + 37.46xy^2 - 13.1y^3$$

$$296) (13.5a + 15.9b)(5.7a^2 + 5.4ab - 13.8b^2)$$

$$76.95a^3 + 163.53a^2b - 100.44ab^2 - 219.42b^3$$

$$297) (11x + 16.1y)(15.5x^2 + 16.77xy - 0.1y^2)$$

$$170.5x^3 + 434.02x^2y + 268.897xy^2 - 1.61y^3$$

$$298) (8a + 5b)(4.56a^2 + 10.9ab - 11.07b^2)$$

$$36.48a^3 + 110a^2b - 34.06ab^2 - 55.35b^3$$

$$299) (5.5x - 6.2y)(14.4x^2 + 9.3xy - 18.1y^2)$$

$$79.2x^3 - 38.13x^2y - 157.21xy^2 + 112.22y^3$$

$$300) (2.5m - 5.9n)(4m^2 + 16.4mn + 7.3n^2)$$

$$10m^3 + 17.4m^2n - 78.51mn^2 - 43.07n^3$$

$$301) (27.7x + 23.76y)(17.4x^2 + 33.3xy + 7.8y^2)$$

$$481.98x^3 + 1335.834x^2y + 1007.268xy^2 + 185.328y^3$$

$$302) (40.3m + 45.2n)(27.1m^2 + 35.1mn + 9.2n^2)$$

$$1092.13m^3 + 2639.45m^2n + 1957.28mn^2 + 415.84n^3$$

$$303) (35.7x + 32.5y)(26.62x^2 - 9.3xy + 21y^2)$$

$$950.334x^3 + 533.14x^2y + 447.45xy^2 + 682.5y^3$$

$$304) (23.1x - 24.4y)(37.7x^2 - 34.41xy + 16.6y^2)$$

$$870.87x^3 - 1714.751x^2y + 1223.064xy^2 - 405.04y^3$$

$$305) (31.1x - 6.7y)(19.6x^2 - 14xy - 50y^2)$$

$$609.56x^3 - 566.72x^2y - 1461.2xy^2 + 335y^3$$

$$306) (43.8u - 49.8v)(30.2u^2 + 47.35uv + 34.2v^2)$$

$$1322.76u^3 + 569.97u^2v - 860.07uv^2 - 1703.16v^3$$

$$307) (18.5u - 37.1v)(8.9u^2 + 36.6uv - 35.2v^2)$$

$$164.65u^3 + 346.91u^2v - 2009.06uv^2 + 1305.92v^3$$

$$308) (26.6x - 19.3y)(15.958x^2 + 7.5xy + 38.6y^2)$$

$$424.4828x^3 - 108.4894x^2y + 882.01xy^2 - 744.98y^3$$

$$309) (39.2a + 11.1b)(31.2a^2 - 12.5ab + 5.7b^2)$$

$$1223.04a^3 - 143.68a^2b + 84.69ab^2 + 63.27b^3$$

$$310) (22x - 32y)(41.9x^2 + 37.1xy - 30.25y^2)$$

$$921.8x^3 - 524.6x^2y - 1852.7xy^2 + 968y^3$$

$$311) (34.6a - 1.6b)(2.4a^2 + 13ab - 23.8b^2)$$

$$83.04a^3 + 445.96a^2b - 844.28ab^2 + 38.08b^3$$

$$312) (48.5x - 46.9y)(24.1x^2 + 24.2xy - 43.9y^2)$$

$$1168.85x^3 + 43.41x^2y - 3264.13xy^2 + 2058.91y^3$$

$$313) (30.1a - 14.3b)(23.7a^2 + 38.5ab + 46.7b^2)$$

$$713.37a^3 + 819.94a^2b + 855.12ab^2 - 667.81b^3$$

$$314) (20.209x + 37.7y)(10x^2 - 4.2xy - 35.1y^2)$$

$$202.09x^3 + 292.1222x^2y - 867.6759xy^2 - 1323.27y^3$$

$$315) (25.5m + 46.7n)(45m^2 - 36.1mn + 17.1n^2)$$

$$1147.5m^3 + 1180.95m^2n - 1249.82mn^2 + 798.57n^3$$

$$316) (8.3x - 42.59y)(25.8x^2 + 41xy - 26.3y^2)$$

$$214.14x^3 - 758.522x^2y - 1964.48xy^2 + 1120.117y^3$$

$$317) (33.5x - 35.7y)(44.5x^2 + 12.6xy - 17.5y^2)$$

$$1490.75x^3 - 1166.55x^2y - 1036.07xy^2 + 624.75y^3$$

$$318) (44.52x - 0.9y)(49.4x^2 - 1.6xy - 38.942y^2)$$

$$2199.288x^3 - 115.692x^2y - 1732.25784xy^2 + 35.0478y^3$$

$$319) (29u - 48.4v)(27.8u^2 - 44.653uv - 8.7v^2)$$

$$806.2u^3 - 2640.457u^2v + 1908.9052uv^2 + 421.08v^3$$

$$320) (20.9m + 34n)(16.2m^2 - 10.5mn - 47.717n^2)$$

$$338.58m^3 + 331.35m^2n - 1354.2853mn^2 - 1622.378n^3$$

$$321) (11.8x - 17.9y)(38.5x^2 + 40.5xy + 28.4y^2)$$

$$454.3x^3 - 211.25x^2y - 389.83xy^2 - 508.36y^3$$

$$322) (24.4u + 12.6v)(49.1u^2 - 10uv + 13.7v^2)$$

$$1198.04u^3 + 374.66u^2v + 208.28uv^2 + 172.62v^3$$

$$323) (7.2x - 30.6y)(9.6x^2 - 34.1xy - 1.1y^2)$$

$$69.12x^3 - 539.28x^2y + 1035.54xy^2 + 33.66y^3$$

$$324) (14.6a - 13.1b)(38.6a^2 + ab + 9b^2)$$

$$563.56a^3 - 491.06a^2b + 118.3ab^2 - 117.9b^3$$

$$325) (2.7x + 30.3y)(30.9x^2 - 8.6xy - 30.7y^2)$$

$$83.43x^3 + 913.05x^2y - 343.47xy^2 - 930.21y^3$$

$$326) (48.2x + 17.6y)(2.1x^2 + 17xy + 39.8y^2)$$

$$101.22x^3 + 856.36x^2y + 2217.56xy^2 + 700.48y^3$$

$$327) (10.7a + 48.1b)(12.8a^2 - 33.6ab - 22.32b^2)$$

$$136.96a^3 + 256.16a^2b - 1854.984ab^2 - 1073.592b^3$$

$$328) (14.056a - 28.5b)(24.6a^2 - 27.5ab + 17.8b^2)$$

$$345.7776a^3 - 1087.64a^2b + 1033.9468ab^2 - 507.3b^3$$

$$329) (23.3x + 5y)(23.4x^2 + 42.5xy + 10.2y^2)$$

$$545.22x^3 + 1107.25x^2y + 450.16xy^2 + 51y^3$$

$$330) (1.6m + 22.7n)(35.1m^2 + 17.5mn - 34.1n^2)$$

$$56.16m^3 + 824.77m^2n + 342.69mn^2 - 774.07n^3$$

$$331) (18.8x - 34.2y)(24.4x^2 - 32.1xy - 19.4y^2)$$

$$458.72x^3 - 1437.96x^2y + 733.1xy^2 + 663.48y^3$$

$$332) (6.2m + 35.4n)(13.8m^2 + 44.02mn + 35.4n^2)$$

$$85.56m^3 + 761.444m^2n + 1777.788mn^2 + 1253.16n^3$$

$$333) (14.2x - 46.9y)(45.7x^2 - 6.6xy - 48.9y^2)$$

$$648.94x^3 - 2237.05x^2y - 384.84xy^2 + 2293.41y^3$$

$$334) (47.1x - 16.5y)(5.385x^2 + 6.1xy - 47.1y^2)$$

$$253.6335x^3 + 198.4575x^2y - 2319.06xy^2 + 777.15y^3$$

$$335) (9.6u + 40.5v)(16.9u^2 + 18.9uv + 21.6v^2)$$

$$162.24u^3 + 865.89u^2v + 972.81uv^2 + 874.8v^3$$

$$336) (42.6x - 29.1y)(27.5x^2 + 2.82xy - 38.3y^2)$$

$$1171.5x^3 - 680.118x^2y - 1713.642xy^2 + 1114.53y^3$$

337) $(5.1u + 1.3v)(38.2u^2 + 44.4uv - 8v^2)$ $194.82u^3 + 276.1u^2v + 16.92uv^2 - 10.4v^3$	338) $(38x - 41.8y)(48.8x^2 - 6.1xy - 22.8y^2)$ $1854.4x^3 - 2271.64x^2y - 611.42xy^2 + 953.04y^3$
339) $(0.5a - 11.4b)(9.4a^2 - 30.1ab - 37.6b^2)$ $4.7a^3 - 122.21a^2b + 324.34ab^2 + 428.64b^3$	340) $(13.1x + 19.1y)(20x^2 - 15.44xy - 20.7y^2)$ $262x^3 + 179.736x^2y - 566.074xy^2 - 395.37y^3$
341) $(46a + 49.5b)(10.4a^2 - 4.6ab + 32.9b^2)$ $478.4a^3 + 303.2a^2b + 1285.7ab^2 + 1628.55b^3$	342) $(8.6x + 6.4y)(21x^2 + 44.9xy + 18.1y^2)$ $180.6x^3 + 520.54x^2y + 443.02xy^2 + 115.84y^3$
343) $(41.5a + 36.9b)(31.7a^2 + 20.9ab + 3.4b^2)$ $1315.55a^3 + 2037.08a^2b + 912.31ab^2 + 125.46b^3$	
344) $(4x - 32.8y)(38.79x^2 + 11.2xy - 42.526y^2)$ $155.16x^3 - 1227.512x^2y - 537.464xy^2 + 1394.8528y^3$	
345) $(36.9m + 24.2n)(2.8m^2 + 46.4mn - 14.83n^2)$ $103.32m^3 + 1779.92m^2n + 575.653mn^2 - 358.886n^3$	
346) $(38.03x - 3.4y)(1.9x^2 - 19.07xy + 46.6y^2)$ $72.257x^3 - 731.6921x^2y + 1837.036xy^2 - 158.44y^3$	
347) $(32.3m - 15n)(0.098m^2 - 31.4mn + 10.2n^2)$ $3.1654m^3 - 1015.69m^2n + 800.46mn^2 - 153n^3$	
348) $(19.161x - 18.9y)(27.36x^2 + 29.5xy - 3.7y^2)$ $524.24496x^3 + 48.1455x^2y - 628.4457xy^2 + 69.93y^3$	
349) $(27.8x - 27.7y)(45.4x^2 - 2.6xy + 14.7y^2)$ $1262.12x^3 - 1329.86x^2y + 480.68xy^2 - 407.19y^3$	350) $(40.4u + 2.8v)(6u^2 + 46.9uv - 0.1v^2)$ $242.4u^3 + 1911.56u^2v + 127.28uv^2 - 0.28v^3$
351) $(2.9x - 40.4y)(46.4x^2 + 22.9xy - 14.9y^2)$ $134.56x^3 - 1808.15x^2y - 968.37xy^2 + 601.96y^3$	352) $(35.8u - 9.9v)(7u^2 - 27.7uv - 29.7v^2)$ $250.6u^3 - 1060.96u^2v - 789.03uv^2 + 294.03v^3$
353) $(8.406x - 31y)(19.93x^2 - 44.5xy - 39.4y^2)$ $167.53158x^3 - 991.897x^2y + 1048.3036xy^2 + 1221.4y^3$	
354) $(31.3a - 22.6b)(28.2a^2 - 2.1ab - 10.87b^2)$ $882.66a^3 - 703.05a^2b - 292.771ab^2 + 245.662b^3$	355) $(43.9x + 7.9y)(38.9x^2 - 26.2xy + 26.1y^2)$ $1707.71x^3 - 842.87x^2y + 938.81xy^2 + 206.19y^3$
356) $(26.7a + 38.3b)(49.5a^2 + 23.4ab - 9.99b^2)$ $1321.65a^3 + 2520.63a^2b + 629.487ab^2 - 382.617b^3$	

$$357) (39.3x - 31.3y)(35.93x^2 - 26.3xy - 45.9y^2)$$

$$1412.049x^3 - 2158.199x^2y - 980.68xy^2 + 1436.67y^3$$

$$358) (30.418m + 30.4n)(16.5m^2 - 40.5mn - 41.5n^2)$$

$$501.897m^3 - 730.329m^2n - 2493.547mn^2 - 1261.6n^3$$

$$359) (34.8x - 44y)(31.4x^2 + 24.8xy - 33.1y^2)$$

$$1092.72x^3 - 518.56x^2y - 2243.08xy^2 + 1456.4y^3$$

$$360) (30.07m - 21.023n)(21.4m^2 - 47.9mn - 25.3n^2)$$

$$643.498m^3 - 1890.2452m^2n + 246.2307mn^2 + 531.8819n^3$$

$$361) (30.2x + 43.4y)(2.6x^2 - 49.7xy + 37.4y^2)$$

$$78.52x^3 - 1388.1x^2y - 1027.5xy^2 + 1623.16y^3$$

$$362) (42.8m - 26.2n)(43m^2 - 0.2mn + 22.6n^2)$$

$$1840.4m^3 - 1135.16m^2n + 972.52mn^2 - 592.12n^3$$

$$363) (25.6x + 4.2y)(37.95x^2 - 37.9xy - 19.5y^2)$$

$$971.52x^3 - 810.85x^2y - 658.38xy^2 - 81.9y^3$$

$$364) (38.2x - 38.9y)(14.2x^2 + 25.3xy - 6.9y^2)$$

$$542.44x^3 + 414.08x^2y - 1247.75xy^2 + 268.41y^3$$

$$365) (21.1u - 8.5v)(24.8u^2 + 1.3uv - 45.602v^2)$$

$$523.28u^3 - 183.37u^2v - 973.2522uv^2 + 387.617v^3$$

$$366) (33.7x + 22y)(35.5x^2 - 49.2xy - 36.5y^2)$$

$$1196.35x^3 - 877.04x^2y - 2312.45xy^2 - 803y^3$$

$$367) (16.5u - 21.2v)(7.089u^2 - 21.1uv - 1.8v^2)$$

$$116.9685u^3 - 498.4368u^2v + 417.62uv^2 + 38.16v^3$$

$$368) (29.1x + 9.3y)(6.7x^2 - 23.7xy + 7.5y^2)$$

$$194.97x^3 - 627.36x^2y - 2.16xy^2 + 69.75y^3$$

$$369) (11.9a + 39.8b)(17.3a^2 - 47.8ab - 7.3b^2)$$

$$205.87a^3 + 119.72a^2b - 1989.31ab^2 - 290.54b^3$$

$$370) (24.5x - 3.4y)(28x^2 + 1.8xy - 22.1y^2)$$

$$686x^3 - 51.1x^2y - 547.57xy^2 + 75.14y^3$$

$$371) (7.4a + 27.1b)(38.6a^2 - 22.2ab - 36.9b^2)$$

$$285.64a^3 + 881.78a^2b - 874.68ab^2 - 999.99b^3$$

$$372) (20x - 42.6y)(29x^2 + 27.3xy + 48.4y^2)$$

$$580x^3 - 689.4x^2y - 194.98xy^2 - 2061.84y^3$$

$$373) (32.6m + 14.4n)(22.89m^2 - 32.8mn + 24.6n^2)$$

$$746.214m^3 - 739.664m^2n + 329.64mn^2 + 354.24n^3$$

$$374) (15.4x + 44.8y)(0.1x^2 - 47.3xy + 18.8y^2)$$

$$1.54x^3 - 723.94x^2y - 1829.52xy^2 + 842.24y^3$$

$$375) (28m - 24.8n)(10.8m^2 + 28.8mn + 4.1n^2)$$

$$302.4m^3 + 538.56m^2n - 599.44mn^2 - 101.68n^3$$

$$376) (10.8x + 5.7y)(21.4x^2 - 21.8xy - 10.7y^2)$$

$$231.12x^3 - 113.46x^2y - 239.82xy^2 - 60.99y^3$$

$$377) (23.5m - 37.5n)(5.82m^2 - 16mn + 42.2n^2)$$

$$136.77m^3 - 594.25m^2n + 1591.7mn^2 - 1582.5n^3$$

$$378) (6.3x - 7y)(42.7x^2 + 3.8xy - 40.3y^2)$$

$$269.01x^3 - 274.96x^2y - 280.49xy^2 + 282.1y^3$$

$$379) (18.9x + 23.4y)(3.3x^2 - 20.3xy + 45y^2)$$

$$62.37x^3 - 306.45x^2y + 375.48xy^2 + 1053y^3$$

$$380) (2.755u + 40v)(18.18u^2 + 30.2uv - 47.7v^2)$$

$$50.0859u^3 + 810.401u^2v + 1076.5865uv^2 - 1908v^3$$

$$381) (14.3x + 10.7y)(24.6x^2 + 5.2xy + 15.4y^2)$$

$$351.78x^3 + 337.58x^2y + 275.86xy^2 + 164.78y^3$$

$$382) (47.2u + 41.2v)(35.2u^2 - 45.3uv + 0.6v^2)$$

$$1661.44u^3 - 687.92u^2v - 1838.04uv^2 + 24.72v^3$$

$$383) (9.8x - 1.9y)(7.83x^2 - 27.6xy - 31.078y^2)$$

$$76.734x^3 - 285.357x^2y - 252.1244xy^2 + 59.0482y^3$$

$$384) (22.4a + 28.5b)(36.2a^2 - 19.8ab + 2.34b^2)$$

$$810.88a^3 + 588.18a^2b - 511.884ab^2 + 66.69b^3$$

$$385) (24.768x + 1.4y)(39.5x^2 + 17.5xy - 19.568y^2)$$

$$978.336x^3 + 488.74x^2y - 460.160224xy^2 - 27.3952y^3$$

$$386) (17.8a + 15.8b)(7.4a^2 + 5.7ab + 41.6b^2)$$

$$131.72a^3 + 218.38a^2b + 830.54ab^2 + 657.28b^3$$

$$387) (23.58x + 12.4y)(5.1x^2 - 10.9xy - 40.826y^2)$$

$$120.258x^3 - 193.782x^2y - 1097.83708xy^2 - 506.2424y^3$$

$$388) (13.2m - 23.4n)(28.7m^2 - 42.3mn + 12n^2)$$

$$378.84m^3 - 1229.94m^2n + 1148.22mn^2 - 280.8n^3$$

$$389) (46.2x + 33.6y)(39.3x^2 + 7.2xy - 2.8y^2)$$

$$1815.66x^3 + 1653.12x^2y + 112.56xy^2 - 94.08y^3$$

$$390) (8.7m - 36n)(50m^2 - 40.34mn - 0.6n^2)$$

$$435m^3 - 2150.958m^2n + 1447.02mn^2 + 21.6n^3$$

$$391) (41.6x - 5.6y)(10.5x^2 + 32.7xy + 5.43y^2)$$

$$436.8x^3 + 1301.52x^2y + 42.768xy^2 - 30.408y^3$$

$$392) (29.371m - 26.2n)(14.7m^2 + 40.55mn + 22.2n^2)$$

$$431.7537m^3 + 805.85405m^2n - 410.3738mn^2 - 581.64n^3$$

$$393) (37x - 18.3y)(42.78x^2 - 21.091xy + 42.5y^2)$$

$$1582.86x^3 - 1563.241x^2y + 1958.4653xy^2 - 777.75y^3$$

$$394) (49.7x + 12.2y)(22.2x^2 + 34.2xy + 23.3y^2)$$

$$1103.34x^3 + 1970.58x^2y + 1575.25xy^2 + 284.26y^3$$

$$395) (12.2u + 42.7v)(32.8u^2 - 16.3uv + 7.19v^2)$$

$$400.16u^3 + 1201.7u^2v - 608.292uv^2 + 307.013v^3$$

$$396) (45.1x - 0.5y)(43.4x^2 - 40.4xy - 6.2y^2)$$

$$1957.34x^3 - 1843.74x^2y - 259.42xy^2 + 3.1y^3$$

$$397) (7.6u + 30v)(4u^2 + 9.2uv - 21v^2)$$

$$30.4u^3 + 189.92u^2v + 116.4uv^2 - 630v^3$$

$$398) (40.5x - 39.7y)(14.6x^2 - 14.9xy - 35.8y^2)$$

$$591.3x^3 - 1183.07x^2y - 858.37xy^2 + 1421.26y^3$$

$$399) (12.06a + 46.3b)(28.61a^2 + 49.5ab - 38.025b^2)$$

$$345.0366a^3 + 1921.613a^2b + 1833.2685ab^2 - 1760.5575b^3$$

$$400) (36x + 47.7y)(35.9x^2 + 0.21xy + 43.4y^2)$$

$$1292.4x^3 + 1719.99x^2y + 1572.417xy^2 + 2070.18y^3$$

$$401) (49.5a + 29.5b)(49.1a^2 - 89ab + 71.3b^2)$$

$$2430.45a^3 - 2957.05a^2b + 903.85ab^2 + 2103.35b^3$$

$$402) (34.1x - 14.7y)(60x^2 + 86.3xy - 93.973y^2)$$

$$2046x^3 + 2060.83x^2y - 4473.0893xy^2 + 1381.4031y^3$$

$$403) (29.8x + 47.2y)(8.3x^2 - 88.3xy - 93.885y^2)$$

$$247.34x^3 - 2239.58x^2y - 6965.533xy^2 - 4431.372y^3$$

$$404) (45.2m + 16.2n)(71m^2 - 63.5mn + 41.7n^2)$$

$$3209.2m^3 - 1720m^2n + 856.14mn^2 + 675.54n^3$$

$$405) (40.9m + 2.9n)(19.2m^2 - 37.9mn + 12.1n^2)$$

$$785.28m^3 - 1494.43m^2n + 384.98mn^2 + 35.09n^3$$

$$406) (52.1x + 33.9y)(30.2x^2 - 99.099xy - 61.72y^2)$$

$$1573.42x^3 - 4139.2779x^2y - 6575.0681xy^2 - 2092.308y^3$$

$$407) (36.7m + 64.8n)(41.1m^2 - 12.4mn - 17.4n^2)$$

$$1508.37m^3 + 2208.2m^2n - 1442.1mn^2 - 1127.52n^3$$

$$408) (47.8x + 20.6y)(52.1x^2 - 37.3xy - 32.2y^2)$$

$$2490.38x^3 - 709.68x^2y - 2307.54xy^2 - 663.32y^3$$

$$409) (32.4x + 51.6y)(63x^2 + 13.1xy - 47y^2)$$

$$2041.2x^3 + 3675.24x^2y - 846.84xy^2 - 2425.2y^3$$

$$410) (43.5u + 82.5v)(74u^2 - 90.923uv - 73.152v^2)$$

$$3219u^3 + 2149.8495u^2v - 10683.2595uv^2 - 6035.04v^3$$

$$411) (39.3u + 69.2v)(6.433u^2 + 53.5uv - 94.411v^2)$$

$$252.8169u^3 + 2547.7136u^2v - 8.1523uv^2 - 6533.2412v^3$$

$$412) (28.1x - 86.6y)(84.9x^2 + 38.6xy - 76.6y^2)$$

$$2385.69x^3 - 6267.68x^2y - 5495.22xy^2 + 6633.56y^3$$

$$413) (23.9x - 99.9y)(6.7x^2 + 64.1xy + 93.9y^2)$$

$$160.13x^3 + 862.66x^2y - 4159.38xy^2 - 9380.61y^3$$

$$414) (30.7a - 82.2b)(66a^2 - 50.44ab - 35.9b^2)$$

$$2026.2a^3 - 6973.708a^2b + 3044.038ab^2 + 2950.98b^3$$

$$415) (35a - 69b)(44.2a^2 + 39.3ab + 79.1b^2)$$

$$1547a^3 - 1674.3a^2b + 56.8ab^2 - 5457.9b^3$$

$$416) (41.8x - 51.3y)(77x^2 - 84.9xy + 34.8y^2)$$

$$3218.6x^3 - 7498.92x^2y + 5810.01xy^2 - 1785.24y^3$$

$$417) (19.6x + 86.9y)(55.1x^2 + 89.7xy + 64.3y^2)$$

$$1079.96x^3 + 6546.31x^2y + 9055.21xy^2 + 5587.67y^3$$

$$418) (26.5m - 95.5n)(87.9m^2 + 90.3mn + 20n^2)$$

$$2329.35m^3 - 6001.5m^2n - 8093.65mn^2 - 1910n^3$$

$$419) (23.721x + 96.5y)(69.2x^2 + 27.1xy - 22.7y^2)$$

$$1641.4932x^3 + 7320.6391x^2y + 2076.6833xy^2 - 2190.55y^3$$

$$420) (22.2m - 33.6n)(9.7m^2 - 84.3mn - 9.6n^2)$$

$$215.34m^3 - 2197.38m^2n + 2619.36mn^2 + 322.56n^3$$

$$421) (63.11x + 6.2y)(84.4x^2 - 1.9xy - 13.9y^2)$$

$$5326.484x^3 + 403.371x^2y - 889.009xy^2 - 86.18y^3$$

$$422) (17.9x - 46.9y)(99.28x^2 - 16.4xy - 9.5y^2)$$

$$1777.112x^3 - 4949.792x^2y + 599.11xy^2 + 445.55y^3$$

$$423) (29x - 15.9y)(42.6x^2 - 8.4xy - 54y^2)$$

$$1235.4x^3 - 920.94x^2y - 1432.44xy^2 + 858.6y^3$$

$$424) (13.7x - 60.2y)(53.5x^2 - 33.2xy - 68.8y^2)$$

$$732.95x^3 - 3675.54x^2y + 1056.08xy^2 + 4141.76y^3$$

$$425) (24.8u - 29.2v)(90.9u^2 + 17.1uv - 83.6v^2)$$

$$2254.32u^3 - 2230.2u^2v - 2572.6uv^2 + 2441.12v^3$$

$$426) (83.22x - 31.4y)(95.7x^2 + 0.8xy + 8.1y^2)$$

$$7964.154x^3 - 2938.404x^2y + 648.962xy^2 - 254.34y^3$$

$$427) (20.5u - 42.5v)(12.7u^2 + 42.7uv + 86.9v^2)$$

$$260.35u^3 + 335.6u^2v - 33.3uv^2 - 3693.25v^3$$

$$428) (31.6x - 11.6y)(23.7x^2 + 17.8xy + 72.2y^2)$$

$$748.92x^3 + 287.56x^2y + 2075.04xy^2 - 837.52y^3$$

$$429) (16.3a + 19.4b)(34.6a^2 + 68.2ab + 57.4b^2)$$

$$563.98a^3 + 1782.9a^2b + 2258.7ab^2 + 1113.56b^3$$

- 430) $(75.67a + 55.9b)(19.45a^2 + 27.8ab - 75.6b^2)$
 $1471.7815a^3 + 3190.881a^2b - 4166.632ab^2 - 4226.04b^3$
- 431) $(27.4x + 50.4y)(45.6x^2 + 43.3xy - 27.39y^2)$
 $1249.44x^3 + 3484.66x^2y + 1431.834xy^2 - 1380.456y^3$
- 432) $(23.1x + 37.1y)(13.424x^2 - 76.859xy - 62.8y^2)$
 $310.0944x^3 - 1277.4125x^2y - 4302.1489xy^2 - 2329.88y^3$
- 433) $(1.59m - 31.91n)(15.08m^2 - 88.246mn - 22.49n^2)$
 $23.9772m^3 - 621.51394m^2n + 2780.17076mn^2 + 717.6559n^3$
- 434) $(18.8x + 23.8y)(89.4x^2 + 94.4xy - 16.6y^2)$
 $1680.72x^3 + 3902.44x^2y + 1934.64xy^2 - 395.08y^3$
- 435) $(14.6x + 85.7y)(37.6x^2 - 80.2xy - 46.2y^2)$
 $548.96x^3 + 2051.4x^2y - 7547.66xy^2 - 3959.34y^3$
- 436) $(3.5m + 54.7n)(26.7m^2 - 55.4mn - 31.4n^2)$
 $93.45m^3 + 1266.59m^2n - 3140.28mn^2 - 1717.58n^3$
- 437) $(99.3x + 41.5y)(48.6x^2 - 29.8xy - 61y^2)$
 $4825.98x^3 - 942.24x^2y - 7294xy^2 - 2531.5y^3$
- 438) $(10.3x + 72.4y)(59.5x^2 - 54.7xy - 75.8y^2)$
 $612.85x^3 + 3744.39x^2y - 4741.02xy^2 - 5487.92y^3$
- 439) $(21.4x - 96.7y)(70.5x^2 - 4.3xy - 23.43y^2)$
 $1508.7x^3 - 6909.37x^2y - 85.592xy^2 + 2265.681y^3$
- 440) $(6u + 59.1v)(81.4u^2 - 29.2uv + 94.8v^2)$
 $488.4u^3 + 4635.54u^2v - 1156.92uv^2 + 5602.68v^3$
- 441) $(17.2x + 90.1y)(92.4x^2 + 21.2xy - 22.55y^2)$
 $1589.28x^3 + 8689.88x^2y + 1522.26xy^2 - 2031.755y^3$
- 442) $(12.9x + 76.8y)(14.2x^2 - 97.202xy + 83y^2)$
 $183.18x^3 - 163.3458x^2y - 6394.4136xy^2 + 6374.4y^3$
- 443) $(97.6a - 92.3b)(25.1a^2 + 21.9ab + 35.6b^2)$ 444) $(1.8u - 79v)(69.18u^2 - 5.7uv + 78.6v^2)$
 $2449.76a^3 - 179.29a^2b + 1453.19ab^2 - 3285.88b^3$ $124.524u^3 - 5475.48u^2v + 591.78uv^2 - 6209.4v^3$

$$\begin{aligned}
445) & (8.6x - 61.4y)(36.1x^2 + 72.2xy + 20.8y^2) & 446) & (80.69a - 7.3b)(20.5a^2 + 11.4ab + 96.2b^2) \\
& 310.46x^3 - 1595.62x^2y - 4254.2xy^2 - 1277.12y^3 & & 1654.145a^3 + 770.216a^2b + 7679.158ab^2 - 702.26b^3 \\
447) & (4.4x - 74.7y)(84.4x^2 + 97.7xy - 8.8y^2) \\
& 371.36x^3 - 5874.8x^2y - 7336.91xy^2 + 657.36y^3 \\
448) & (89.1m - 43.7n)(95.4m^2 + 72.9mn - 23.6n^2) \\
& 8500.14m^3 + 2326.41m^2n - 5288.49mn^2 + 1031.32n^3 \\
449) & (0.1x - 12.7y)(6.2x^2 + 14.45xy - 90.7y^2) \\
& 0.62x^3 - 77.295x^2y - 192.585xy^2 + 1151.89y^3 \\
450) & (11.2m - 57n)(17.2m^2 + 98.4mn - 91.858n^2) \\
& 192.64m^3 + 121.68m^2n - 6637.6096mn^2 + 5235.906n^3 \\
451) & (95.9x - 26y)(28.1x^2 - 51.3xy - 67.9y^2) & 452) & (6.9x + 4.9y)(4.12x^2 - 0.4xy - 77.4y^2) \\
& 2694.79x^3 - 5650.27x^2y - 5177.81xy^2 + 1765.4y^3 & & 28.428x^3 + 17.428x^2y - 536.02xy^2 - 379.26y^3 \\
453) & (26.71x + 64.9y)(47x^2 - 14.9xy - 73y^2) & 454) & (2.7x - 8.4y)(61x^2 - 50.6xy + 87.8y^2) \\
& 1255.37x^3 + 2652.321x^2y - 2916.84xy^2 - 4737.7y^3 & & 164.7x^3 - 649.02x^2y + 662.1xy^2 - 737.52y^3 \\
455) & (87.4u + 22.6v)(71.9u^2 - 0.3uv + 73v^2) & 456) & (98.5x - 21.6y)(9.2x^2 - 25.1xy + 58.2y^2) \\
& 6284.06u^3 + 1598.72u^2v + 6373.42uv^2 + 1649.8v^3 & & 906.2x^3 - 2671.07x^2y + 6274.86xy^2 - 1257.12y^3 \\
457) & (83.1u + 9.3v)(20.2u^2 + 25.2uv + 43.4v^2) & 458) & (78.9a - 4b)(42.1a^2 - 72.67ab - 46.6b^2) \\
& 1678.62u^3 + 2281.98u^2v + 3840.9uv^2 + 403.62v^3 & & 3321.69a^3 - 5902.063a^2b - 3386.06ab^2 + 186.4b^3 \\
459) & (19.17x + 27.2y)(84.8x^2 - 12.3xy - 91.83y^2) \\
& 1625.616x^3 + 2070.769x^2y - 2094.9411xy^2 - 2497.776y^3 \\
460) & (72.74x + 12.2y)(73.5x^2 + 33.9xy - 42.2y^2) \\
& 5346.39x^3 + 3362.586x^2y - 2656.048xy^2 - 514.84y^3 \\
461) & (a + 57.9b)(68.35a^2 + 19.4ab - 37.8b^2) \\
& 68.35a^3 + 3976.865a^2b + 1085.46ab^2 - 2188.62b^3 \\
462) & (85.7x + 13.7y)(74.9x^2 + 51.4xy - 30.5y^2) \\
& 6418.93x^3 + 5431.11x^2y - 1909.67xy^2 - 417.85y^3 \\
463) & (96.8m + 44.7n)(85.9m^2 - 98.3mn - 45.3n^2) \\
& 8315.12m^3 - 5675.71m^2n - 8779.05mn^2 - 2024.91n^3
\end{aligned}$$

$$464) (81.5x + 75.6y)(96.8x^2 + 76.9xy - 60.1y^2)$$

$$7889.2x^3 + 13585.43x^2y + 915.49xy^2 - 4543.56y^3$$

$$465) (65.2m + 99.4n)(11.3m^2 - 81.74mn - 94.6n^2)$$

$$736.76m^3 - 4206.228m^2n - 14292.876mn^2 - 9403.24n^3$$

$$466) (77.2x + 62.3y)(18.6x^2 - 97.6xy - 89.7y^2)$$

$$1435.92x^3 - 6375.94x^2y - 13005.32xy^2 - 5588.31y^3$$

$$467) (31.88x + 84.4y)(26.4x^2 + 7.6xy - 11.4y^2)$$

$$841.632x^3 + 2470.448x^2y + 278.008xy^2 - 962.16y^3$$

$$468) (72.9x - 75.9y)(67x^2 - 72.1xy + 80.8y^2)$$

$$4884.3x^3 - 10341.39x^2y + 11362.71xy^2 - 6132.72y^3$$

$$469) (84x + 80y)(77.9x^2 - 21.8xy - 91.022y^2)$$

$$6543.6x^3 + 4400.8x^2y - 9389.848xy^2 - 7281.76y^3$$

$$470) (68.7u - 89.1v)(88.9u^2 - 93.59uv + 1.8v^2)$$

$$6107.43u^3 - 14350.623u^2v + 8462.529uv^2 - 160.38v^3$$

$$471) (21.124u - 28.5v)(37.8u^2 + 72.25uv + 19.1v^2)$$

$$798.4872u^3 + 448.909u^2v - 1655.6566uv^2 - 544.35v^3$$

$$472) (79.8x - 58.2y)(3.29x^2 + 24.8xy + 6.3y^2)$$

$$262.542x^3 + 1787.562x^2y - 940.62xy^2 - 366.66y^3$$

$$473) (75.5x - 71.5y)(21.6x^2 + 29.3xy + 6.9y^2)$$

$$1630.8x^3 + 667.75x^2y - 1574xy^2 - 493.35y^3$$

$$474) (86.6a - 40.5b)(32.6a^2 + 4.4ab - 7.9b^2)$$

$$2823.16a^3 - 939.26a^2b - 862.34ab^2 + 319.95b^3$$

$$475) (71.2x - 84.8y)(43.5x^2 + 54.8xy - 22.7y^2)$$

$$3097.2x^3 + 212.96x^2y - 6263.28xy^2 + 1924.96y^3$$

$$476) (82.4a - 53.8b)(54.4a^2 - 7.13ab + 28.3b^2)$$

$$4482.56a^3 - 3514.232a^2b + 2715.514ab^2 - 1522.54b^3$$

$$477) (67x - 22.8y)(65.4x^2 + 80.3xy - 52.3y^2)$$

$$4381.8x^3 + 3888.98x^2y - 5334.94xy^2 + 1192.44y^3$$

$$478) (78.1m - 67.1n)(2.7m^2 + 55.5mn - 6.25n^2)$$

$$210.87m^3 + 4153.38m^2n - 4212.175mn^2 + 419.375n^3$$

$$479) (62.7x - 36.1y)(13.7x^2 - 94.3xy - 81.9y^2)$$

$$858.99x^3 - 6407.18x^2y - 1730.9xy^2 + 2956.59y^3$$

$$480) (73.8m - 5.2n)(24.6m^2 - 53.04mn + 45.9n^2)$$

$$1815.48m^3 - 4042.272m^2n + 3663.228mn^2 - 238.68n^3$$

$$481) (58.4x - 49.4y)(1.059x^2 + 30.1xy - 41.57y^2)$$

$$61.8456x^3 + 1705.5254x^2y - 3914.628xy^2 + 2053.558y^3$$

$$482) (69.6x - 18.5y)(46.5x^2 - 93.6xy + 73.9y^2)$$

$$3236.4x^3 - 7374.81x^2y + 6875.04xy^2 - 1367.15y^3$$

$$483) (54.2x + 12.5y)(57.5x^2 - 43.2xy + 59.1y^2)$$

$$3116.5x^3 - 1622.69x^2y + 2663.22xy^2 + 738.75y^3$$

$$484) (65.3x + 43.5y)(68.4x^2 - 68.1xy + 44.3y^2)$$

$$4466.52x^3 - 1471.53x^2y - 69.56xy^2 + 1927.05y^3$$

$$485) (76.4u - 0.8v)(79.4u^2 - 17.7uv + 29.5v^2)$$

$$6066.16u^3 - 1415.8u^2v + 2267.96uv^2 - 23.6v^3$$

$$486) (61x + 30.2y)(90.3x^2 - 99.424xy + 72.3y^2)$$

$$5508.3x^3 - 3337.804x^2y + 1407.6952xy^2 + 2183.46y^3$$

$$487) (16.24u - 91.7v)(24.8u^2 - 84.994uv + 59.2v^2)$$

$$402.752u^3 - 3654.46256u^2v + 8755.3578uv^2 - 5428.64v^3$$

$$488) (56.8x + 16.9y)(38.6x^2 - 17xy - 14.9y^2)$$

$$2192.48x^3 - 313.26x^2y - 1133.62xy^2 - 251.81y^3$$

$$489) (67.9a + 47.8b)(49.5a^2 + 33.3ab - 1.41b^2)$$

$$3361.05a^3 + 4627.17a^2b + 1496.001ab^2 - 67.398b^3$$

$$490) (52.5x + 78.8y)(60.5x^2 + 8.5xy - 44.5y^2)$$

$$3176.25x^3 + 5213.65x^2y - 1666.45xy^2 - 3506.6y^3$$

$$491) (63.6a + 34.6b)(45.54a^2 - 39.8ab + 94.3b^2)$$

$$2896.344a^3 - 955.596a^2b + 4620.4ab^2 + 3262.78b^3$$

$$492) (8.7x + 70.8y)(62.6x^2 + 20.9xy + 98.7y^2)$$

$$544.62x^3 + 4613.91x^2y + 2338.41xy^2 + 6987.96y^3$$

$$493) (59.3m + 96.5n)(93.3m^2 + 84.4mn - 88.8n^2)$$

$$5532.69m^3 + 14008.37m^2n + 2878.76mn^2 - 8569.2n^3$$

$$494) (26.229x + 55.8y)(51.3x^2 - 8.1xy - 92.5y^2)$$

$$1345.5477x^3 + 2650.0851x^2y - 2878.1625xy^2 - 5161.5y^3$$

$$495) (55.1m + 83.2n)(15.1m^2 - 90.2mn + 81.7n^2)$$

$$832.01m^3 - 3713.7m^2n - 3002.97mn^2 + 6797.44n^3$$

$$496) (66.2x - 85.9y)(26.1x^2 - 53.69xy - 83.7y^2)$$

$$1727.82x^3 - 5796.268x^2y - 928.969xy^2 + 7189.83y^3$$

$$497) (50.8x + 69.9y)(19.759x^2 + 23.6xy - 79.3y^2)$$

$$1003.7572x^3 + 2580.0341x^2y - 2378.8xy^2 - 5543.07y^3$$

$$498) (61.9x - 99.2y)(47.9x^2 - 89.5xy + 37.3y^2)$$

$$2965.01x^3 - 10291.73x^2y + 11187.27xy^2 - 3700.16y^3$$

$$499) (15.474x - 57.1y)(89.1x^2 - 5.4xy - 70.5y^2)$$

$$1378.7334x^3 - 5171.1696x^2y - 782.577xy^2 + 4025.55y^3$$

$$500) (57.7u - 37.3v)(96.3u^2 - 64uv + 7.7v^2)$$

$$5556.51u^3 - 7284.79u^2v + 2831.49uv^2 - 287.21v^3$$

$$501) (42.3x - 81.6y)(8.05x^2 - 34.4xy - 61.7y^2)$$

$$340.515x^3 - 2112x^2y + 197.13xy^2 + 5034.72y^3$$

$$502) (53.4u - 50.6v)(18.1u^2 - 38.5uv - 21.9v^2)$$

$$966.54u^3 - 2971.76u^2v + 778.64uv^2 + 1108.14v^3$$

$$503) (49.1a - 63.9b)(40a^2 - 13ab - 51.4b^2)$$

$$1964a^3 - 3194.3a^2b - 1693.04ab^2 + 3284.46b^3$$

$$504) (38x - 19.6y)(29.1x^2 - 28.71xy - 52.9y^2)$$

$$1105.8x^3 - 1661.34x^2y - 1447.484xy^2 + 1036.84y^3$$

$$505) (33.8x - 32.9y)(51x^2 + 37.4xy - 66.2y^2)$$

$$1723.8x^3 - 413.78x^2y - 3468.02xy^2 + 2177.98y^3$$

$$506) (20.077a - 53.58b)(11.7a^2 - 89.392ab - 4.7b^2)$$

$$234.9009a^3 - 2421.609184a^2b + 4695.26146ab^2 + 251.826b^3$$

$$507) (56x - 46.2y)(72.8x^2 + 62.9xy - 95.8y^2)$$

$$4076.8x^3 + 159.04x^2y - 8270.78xy^2 + 4425.96y^3$$

$$508) (40.6m - 15.3n)(83.8m^2 + 38mn + 89.5n^2)$$

$$3402.28m^3 + 260.66m^2n + 3052.3mn^2 - 1369.35n^3$$

$$509) (51.7x + 15.7y)(21.1x^2 - 76.99xy - 26.5y^2)$$

$$1090.87x^3 - 3649.113x^2y - 2578.793xy^2 - 416.05y^3$$

$$510) (36.3m - 28.5n)(32.1m^2 + 63.6mn + 59.9n^2)$$

$$1165.23m^3 + 1393.83m^2n + 361.77mn^2 - 1707.15n^3$$

$$511) (47.5x + 2.4y)(43x^2 - 86.2xy + 45.1y^2)$$

$$2042.5x^3 - 3991.3x^2y + 1935.37xy^2 + 108.24y^3$$

$$512) (32.1x + 33.4y)(54x^2 + 89.1xy + 30.3y^2)$$

$$1733.4x^3 + 4663.71x^2y + 3948.57xy^2 + 1012.02y^3$$

$$513) (43.2x - 10.9y)(64.9x^2 + 11.85xy - 8.9y^2)$$

$$2803.68x^3 - 195.49x^2y - 513.645xy^2 + 97.01y^3$$

$$\begin{aligned}
514) & (38.9u + 51v)(86.8u^2 - 35.1uv + 10.05v^2) & 515) & (23.5x + 6.8y)(97.8x^2 - 60xy - 28.8y^2) \\
& 3376.52u^3 + 3061.41u^2v - 1399.155uv^2 + 512.55v^3 & & 2298.3x^3 - 744.96x^2y - 1084.8xy^2 - 195.84y^3 \\
516) & (27.8x + 20.1y)(75.9x^2 - 85.5xy + 0.8y^2) \\
& 2110.02x^3 - 851.31x^2y - 1696.31xy^2 + 16.08y^3 \\
517) & (34.7u + 37.8v)(8.6u^2 - 84.8uv - 88.907v^2) \\
& 298.42u^3 - 2617.48u^2v - 6290.5129uv^2 - 3360.6846v^3 \\
518) & (52.2a + 42.2b)(87.5a^2 + 5.2ab + 17.6b^2) \\
& 4567.5a^3 + 3963.94a^2b + 1138.16ab^2 + 742.72b^3 \\
519) & (45.8x + 68.7y)(19.5x^2 - 34.5xy - 58.4y^2) \\
& 893.1x^3 - 240.45x^2y - 5044.87xy^2 - 4012.08y^3 \\
520) & (41.5x + 55.4y)(17.967x^2 - 9.3xy + 22y^2) & 521) & (26.1a + 86.4b)(78.9a^2 - 33.8ab + 97.3b^2) \\
& 745.6305x^3 + 609.4218x^2y + 397.78xy^2 + 1218.8y^3 & & 2059.29a^3 + 5934.78a^2b - 380.79ab^2 + 8406.72b^3 \\
522) & (37.2x - 82.8y)(89.8x^2 + 16.6xy + 82.5y^2) \\
& 3340.56x^3 - 6817.92x^2y + 1694.52xy^2 - 6831y^3 \\
523) & (21.9m + 73.1n)(0.7m^2 - 75.27mn + 35.2n^2) \\
& 15.33m^3 - 1597.243m^2n - 4731.357mn^2 + 2573.12n^3 \\
524) & (33x - 96y)(11.6x^2 + 42.1xy + 14.01y^2) \\
& 382.8x^3 + 275.7x^2y - 3579.27xy^2 - 1344.96y^3 \\
525) & (17.6m - 65.1n)(22.6m^2 + 17.2mn + 38.2n^2) \\
& 397.76m^3 - 1168.54m^2n - 447.4mn^2 - 2486.82n^3 \\
526) & (98.23x - 85.7y)(40.4x^2 - 21.1xy + 48.4y^2) \\
& 3968.492x^3 - 5534.933x^2y + 6562.602xy^2 - 4147.88y^3 \\
527) & (13.3x - 78.4y)(44.5x^2 + 42.8xy + 8.6y^2) & 528) & (51.8x + 24.1y)(29x^2 - 50.1xy + 57.2y^2) \\
& 591.85x^3 - 2919.56x^2y - 3241.14xy^2 - 674.24y^3 & & 1502.2x^3 - 1896.28x^2y + 1755.55xy^2 + 1378.52y^3 \\
529) & (35.6x - 91.7y)(66.3x^2 - 68.879xy - 28.34y^2) \\
& 2360.28x^3 - 8531.8024x^2y + 5307.3003xy^2 + 2598.778y^3 \\
530) & (31.3x - 29.7y)(14.6x^2 + 93.8xy - 50.6y^2) \\
& 456.98x^3 + 2502.32x^2y - 4369.64xy^2 + 1502.82y^3
\end{aligned}$$

$$531) (15.9u - 74v)(25.6u^2 - 55.9uv - 65.4v^2)$$

$$407.04u^3 - 2783.21u^2v + 3096.74uv^2 + 4839.6v^3$$

$$532) (20.2u - 60.7v)(14.61u^2 - 91.354uv + 29.1v^2)$$

$$295.122u^3 - 2732.1778u^2v + 6133.0078uv^2 - 1766.37v^3$$

$$533) (14.426x - 13.5y)(66.9x^2 - 17.98xy - 99.042y^2)$$

$$965.0994x^3 - 1162.52948x^2y - 1186.049892xy^2 + 1337.067y^3$$

$$534) (11.7a - 12.1b)(47.5a^2 - 30.4ab - 95b^2)$$

$$555.75a^3 - 930.43a^2b - 743.66ab^2 + 1149.5b^3$$

$$535) (22.8x - 12.73y)(82x^2 - 1.3xy + 88y^2)$$

$$1869.6x^3 - 1073.5x^2y + 2022.949xy^2 - 1120.24y^3$$

$$536) (7.4a - 25.4b)(69.4a^2 - 91.49ab + 92.5b^2)$$

$$513.56a^3 - 2439.786a^2b + 3008.346ab^2 - 2349.5b^3$$

$$537) (18.5x + 5.6y)(80.3x^2 - 29.7xy + 60.8y^2)$$

$$1485.55x^3 - 99.77x^2y + 958.48xy^2 + 340.48y^3$$

$$538) (36.71m + 73.8n)(78.3m^2 - 44.8mn - 98.8n^2)$$

$$2874.393m^3 + 4133.932m^2n - 6933.188mn^2 - 7291.44n^3$$

$$539) (14.2x - 7.7y)(2.1x^2 - 75.92xy - 94.4y^2)$$

$$29.82x^3 - 1094.234x^2y - 755.896xy^2 + 726.88y^3$$

$$540) (90.29m + 58.7n)(93.4m^2 + 1.4mn - 90n^2)$$

$$8433.086m^3 + 5608.986m^2n - 8043.92mn^2 - 5283n^3$$

$$541) (10x + 54.2y)(50.5x^2 + 21.3xy + 1.6y^2)$$

$$505x^3 + 2950.1x^2y + 1170.46xy^2 + 86.72y^3$$

$$542) (21.1x + 10y)(61.4x^2 + 71.6xy - 13.2y^2)$$

$$1295.54x^3 + 2124.76x^2y + 437.48xy^2 - 132y^3$$

$$543) (5.7x + 41y)(72.4x^2 + 46.8xy - 28y^2)$$

$$412.68x^3 + 3235.16x^2y + 1759.2xy^2 - 1148y^3$$

$$544) (16.8x + 71.9y)(83.3x^2 + 97.2xy - 42.8y^2)$$

$$1399.44x^3 + 7622.23x^2y + 6269.64xy^2 - 3077.32y^3$$

$$545) (1.4u + 27.7v)(94.3u^2 + 72.3uv - 57.5v^2)$$

$$132.02u^3 + 2713.33u^2v + 1922.21uv^2 - 1592.75v^3$$

$$546) (12.6x + 58.6y)(7.394x^2 - 10.4xy - 63.6y^2)$$

$$93.1644x^3 + 302.2484x^2y - 1410.8xy^2 - 3726.96y^3$$

$$547) (97.3u + 89.6v)(16.1u^2 + 97.8uv - 87.1v^2)$$

$$1566.53u^3 + 10958.5u^2v + 288.05uv^2 - 7804.16v^3$$

$$548) (8.3x + 45.3y)(27x^2 - 51.9xy + 98.2y^2)$$

$$224.1x^3 + 792.33x^2y - 1536.01xy^2 + 4448.46y^3$$

$$549) (93a + 76.3b)(37.9a^2 - 76.7ab + 83.4b^2)$$

$$3524.7a^3 - 4241.33a^2b + 1903.99ab^2 + 6363.42b^3$$

$$550) (4x - 77.907y)(42.5x^2 - 68.5xy + 33.3y^2)$$

$$170x^3 - 3585.0475x^2y + 5469.8295xy^2 - 2594.3031y^3$$

$$551) (15.1a + 63b)(86.3a^2 - 51.2ab + 53.8b^2)$$

$$1303.13a^3 + 4663.78a^2b - 2413.22ab^2 + 3389.4b^3$$

$$552) (99.9x + 94y)(97.3x^2 - 92.14xy - 51.61y^2)$$

$$9720.27x^3 - 58.586x^2y - 13816.999xy^2 - 4851.34y^3$$

$$553) (10.9m - 75.2n)(8.1m^2 - 25.7mn + 24.2n^2)$$

$$88.29m^3 - 889.25m^2n + 2196.42mn^2 - 1819.84n^3$$

$$554) (95.6x - 44.2y)(19.1x^2 + 24.7xy - 87.278y^2)$$

$$1825.96x^3 + 1517.1x^2y - 9435.5168xy^2 + 3857.6876y^3$$

$$555) (6.6m - 88.5n)(30m^2 - 0.2mn - 5.4n^2)$$

$$198m^3 - 2656.32m^2n - 17.94mn^2 + 477.9n^3$$

$$556) (91.3x - 57.5y)(8.89x^2 - 5.1xy - 19.6y^2)$$

$$811.657x^3 - 976.805x^2y - 1496.23xy^2 + 1127y^3$$

$$557) (2.3x - 26.5y)(51.9x^2 + 25.3xy - 34.9y^2)$$

$$119.37x^3 - 1317.16x^2y - 750.72xy^2 + 924.85y^3$$

$$558) (87.1x - 79.261y)(3x^2 - 34.1xy - 10.7y^2)$$

$$261.3x^3 - 3207.893x^2y + 1770.8301xy^2 + 848.0927y^3$$

$$559) (98.2x - 39.8y)(73.8x^2 + 50.9xy - 64.5y^2)$$

$$7247.16x^3 + 2061.14x^2y - 8359.72xy^2 + 2567.1y^3$$

$$560) (87.76u - 42.1v)(91.7u^2 - 63.1uv - 1.9v^2)$$

$$8047.592u^3 - 9398.226u^2v + 2489.766uv^2 + 79.99v^3$$

$$561) (93.9x - 53.1y)(95.7x^2 + 76.4xy + 30.31y^2)$$

$$8986.23x^3 + 2092.29x^2y - 1210.731xy^2 - 1609.461y^3$$

$$562) (4.9u - 22.2v)(33u^2 - 75.158uv + 6.9v^2)$$

$$161.7u^3 - 1100.8742u^2v + 1702.3176uv^2 - 153.18v^3$$

$$563) (89.6x + 8.8y)(44x^2 - 98.2xy + 31.19y^2)$$

$$3942.4x^3 - 8411.52x^2y + 1930.464xy^2 + 274.472y^3$$

$$564) (0.7a - 35.4b)(54.9a^2 - 47.9ab + 61.6b^2)$$

$$38.43a^3 - 1976.99a^2b + 1738.78ab^2 - 2180.64b^3$$

$$565) (30.788x + 45.1y)(29.5x^2 - 60.5xy + 20.1y^2)$$

$$908.246x^3 - 532.224x^2y - 2109.7112xy^2 + 906.51y^3$$

$$566) (96.5a + 26.5b)(14.385a^2 - 66.79ab + 10.1b^2)$$

$$1388.1525a^3 - 6064.0325a^2b - 795.285ab^2 + 267.65b^3$$

$$567) (33.78x + 30.1y)(65.31x^2 + 17.3xy - 35.23y^2)$$

$$2206.1718x^3 + 2550.225x^2y - 669.3394xy^2 - 1060.423y^3$$

$$\begin{array}{ll}
568) (92.2m + 13.2n)(98.7m^2 + 3.2mn + 2.5n^2) & 569) (76.9x + 44.1y)(9.5x^2 - 21.7xy - 12.3y^2) \\
9100.14m^3 + 1597.88m^2n + 272.74mn^2 + 33n^3 & 730.55x^3 - 1249.78x^2y - 1902.84xy^2 - 542.43y^3 \\
570) (88m - 0.1n)(20.5m^2 + 28.7mn - 27.1n^2) & 571) (72.6x + 30.9y)(31.4x^2 + 3.9xy - 41.9y^2) \\
1804m^3 + 2523.55m^2n - 2387.67mn^2 + 2.71n^3 & 2279.64x^3 + 1253.4x^2y - 2921.43xy^2 - 1294.71y^3 \\
572) (26.24x - 82.8y)(23.553x^2 + 35.15xy + 66.2y^2) & \\
618.03072x^3 - 1027.8524x^2y - 1173.332xy^2 - 5481.36y^3 & \\
573) (94.8x + 41.04y)(63.6x^2 - 77.14xy - 1.1y^2) & \\
6029.28x^3 - 4702.728x^2y - 3270.1056xy^2 - 45.144y^3 & \\
574) (79.4x + 48.5y)(90.8x^2 + 79.7xy - 86.3y^2) & \\
7209.52x^3 + 10731.98x^2y - 2986.77xy^2 - 4185.55y^3 & \\
575) (75.2x - 89.7y)(12.6x^2 - 94.8xy + 84.2y^2) & \\
947.52x^3 - 8259.18x^2y + 14835.4xy^2 - 7552.74y^3 & \\
576) (90.6u + 79.5v)(1.6u^2 + 54.9uv + 99v^2) & 577) (86.3u + 66.2v)(23.5u^2 + 80.4uv + 69.5v^2) \\
144.96u^3 + 5101.14u^2v + 13333.95uv^2 + 7870.5v^3 & 2028.05u^3 + 8494.22u^2v + 11320.33uv^2 + 4600.9v^3 \\
578) (70.9x + 97.2y)(34.5x^2 - 69.3xy + 54.7y^2) & \\
2446.05x^3 - 1559.97x^2y - 2857.73xy^2 + 5316.84y^3 & \\
579) (72.27a - 77.524b)(86.28a^2 + 27.65ab + 54.8b^2) & \\
6235.4556a^3 - 4690.50522a^2b + 1816.8574ab^2 - 4248.3152b^3 & \\
580) (66.6x - 11.77y)(24.574x^2 + 25.1xy - 87.4y^2) & \\
1636.6284x^3 + 1382.42402x^2y - 6116.267xy^2 + 1028.698y^3 & \\
581) (77.8a + 27.5b)(24.1a^2 - 67ab + 90.6b^2) & \\
1874.98a^3 - 4549.85a^2b + 5206.18ab^2 + 2491.5b^3 & \\
582) (62.4x - 54.3y)(78.2x^2 - 18.3xy + 39.56y^2) & \\
4879.68x^3 - 5388.18x^2y + 3462.234xy^2 - 2148.108y^3 & \\
583) (73.5m - 98.6n)(15.6m^2 - 43.1mn - 19.3n^2) & \\
1146.6m^3 - 4706.01m^2n + 2831.11mn^2 + 1902.98n^3 & \\
584) (84.6x - 67.6y)(26.5x^2 + 7.2xy - 34.1y^2) & \\
2241.9x^3 - 1182.28x^2y - 3371.58xy^2 + 2305.16y^3 &
\end{array}$$

$$585) (69.2m - 36.6n)(37.5m^2 - 17.6mn - 48.9n^2)$$

$$2595m^3 - 2590.42m^2n - 2739.72mn^2 + 1789.74n^3$$

$$586) (80.3x - 80.9y)(48.4x^2 + 32.7xy - 63.7y^2)$$

$$3886.52x^3 - 1289.75x^2y - 7760.54xy^2 + 5153.33y^3$$

$$587) (65x - 49.9y)(59.4x^2 + 7.9xy - 78.5y^2)$$

$$3861x^3 - 2450.56x^2y - 5496.71xy^2 + 3917.15y^3$$

$$588) (76.1x - 25.31y)(50.6x^2 - 99.32xy - 36.1y^2)$$

$$3850.66x^3 - 8838.938x^2y - 233.4208xy^2 + 913.691y^3$$

$$589) (60.7x - 63.2y)(25.92x^2 - 32.6xy - 52.23y^2)$$

$$1573.344x^3 - 3616.964x^2y - 1110.041xy^2 + 3300.936y^3$$

$$590) (56.4x - 1.3y)(3x^2 + 58.9xy - 85.648y^2)$$

$$169.2x^3 + 3318.06x^2y - 4907.1172xy^2 + 111.3424y^3$$

$$591) (71.8u - 32.2v)(92.2u^2 + 83.8uv - 47.6v^2)$$

$$6619.96u^3 + 3048u^2v - 6116.04uv^2 + 1532.72v^3$$

$$592) (67.5u + 29.7v)(14u^2 - 90.8uv - 77.2v^2)$$

$$945u^3 - 5713.2u^2v - 7907.76uv^2 - 2292.84v^3$$

$$593) (52.2x - 14.6y)(51.4x^2 + 84.5xy - 92y^2)$$

$$2683.08x^3 + 3660.46x^2y - 6036.1xy^2 + 1343.2y^3$$

$$594) (77.29a + 1.5b)(69.5a^2 - 30ab - 52.3b^2)$$

$$5371.655a^3 - 2214.45a^2b - 4087.267ab^2 - 78.45b^3$$

$$595) (74.4x - 97.812y)(77.1x^2 - 44.5xy - 47.9y^2)$$

$$5736.24x^3 - 10852.1052x^2y + 788.874xy^2 + 4685.1948y^3$$

$$596) (59a - 38.85b)(84.7a^2 - 59ab - 43.5b^2)$$

$$4997.3a^3 - 6771.595a^2b - 274.35ab^2 + 1689.975b^3$$

$$597) (70.1x + 34.1y)(95.2x^2 - 64.6xy + 48.9y^2)$$

$$6673.52x^3 - 1282.14x^2y + 1225.03xy^2 + 1667.49y^3$$

$$598) (54.7m + 65n)(6.1m^2 - 14.2mn + 34.1n^2)$$

$$333.67m^3 - 380.24m^2n + 942.27mn^2 + 2216.5n^3$$

$$599) (29.741x + 88.7y)(10.614x^2 + 19.4xy - 21.7y^2)$$

$$315.670974x^3 + 1518.4372x^2y + 1075.4003xy^2 - 1924.79y^3$$

$$600) (50.5m + 51.7n)(27.9m^2 + 11.3mn + 47.49n^2)$$

$$1408.95m^3 + 2013.08m^2n + 2982.455mn^2 + 2455.233n^3$$