

Graphing systems of linear equations - standard

Draw a graph of each equation to find both coordinates of the solution to each system.

1) $x + 4y = -4$
 $3x + 2y = 8$

2) $x - y = -3$
 $8x - y = 4$

3) $x - y = -4$
 $2x + y = -2$

4) $x - 2y = 6$
 $3x - 2y = 2$

5) $3x - y = -3$
 $x - 2y = 4$

6) $x + 3y = 3$
 $5x + 3y = -9$

7) $4x + 3y = -6$
 $x - 3y = -9$

8) $5x - y = -3$
 $x - y = 1$

9) $x + y = 2$
 $x - y = 4$

10) $3x - y = 2$
 $x + y = 2$

11) $x + 4y = 8$
 $5x + 4y = -8$

12) $x + 4y = 4$
 $x + y = -2$

13) $7x + 4y = -12$
 $x + 2y = 4$

14) $x - 2y = 2$
 $3x - 2y = -2$

15) $x + 4y = -12$
 $7x + 4y = 12$

16) $x - y = -2$
 $x + 3y = -6$

17) $x - 3y = -3$
 $4x - 3y = 6$

18) $7x + 3y = 12$
 $x - 3y = 12$

19) $x + 3y = -6$
 $7x + 3y = 12$

20) $6x + y = -3$
 $x - y = -4$

21) $x + 2y = -4$
 $7x + 2y = 8$

22) $x - 2y = -6$
 $5x + 4y = -16$

23) $5x + 2y = 6$
 $x - 2y = 6$

24) $x - 4y = -4$
 $5x - 4y = 12$

25) $8x - 3y = -12$
 $2x - 3y = 6$

26) $2x + y = 1$
 $3x - y = 4$

27) $2x + 3y = 12$
 $5x - 3y = 9$

28) $7x - 3y = -12$
 $x - 3y = 6$

$$\begin{aligned} 29) \quad & 4x + y = -4 \\ & x + y = 2 \end{aligned}$$

$$\begin{aligned} 30) \quad & x + 2y = 8 \\ & 2x - y = 1 \end{aligned}$$

$$\begin{aligned} 31) \quad & y = -1 \\ & 3x - 4y = -8 \end{aligned}$$

$$\begin{aligned} 32) \quad & x = 2 \\ & x - y = -2 \end{aligned}$$

$$\begin{aligned} 33) \quad & 3x - 2y = -6 \\ & x - 2y = 2 \end{aligned}$$

$$\begin{aligned} 34) \quad & 3x + 2y = 8 \\ & x - 2y = 8 \end{aligned}$$

$$\begin{aligned} 35) \quad & x + y = -1 \\ & x - 2y = -4 \end{aligned}$$

$$\begin{aligned} 36) \quad & x + y = -2 \\ & x - 3y = -6 \end{aligned}$$

$$\begin{aligned} 37) \quad & 5x + 3y = 12 \\ & x - 3y = 6 \end{aligned}$$

$$\begin{aligned} 38) \quad & 2x + y = -4 \\ & x + 3y = 3 \end{aligned}$$

$$\begin{aligned} 39) \quad & 8x + y = 4 \\ & x + y = -3 \end{aligned}$$

$$\begin{aligned} 40) \quad & x + 4y = 8 \\ & 7x + 4y = -16 \end{aligned}$$

$$\begin{aligned} 41) \quad & x + y = -4 \\ & 2x - y = 1 \end{aligned}$$

$$\begin{aligned} 42) \quad & 2x - y = -3 \\ & x + 3y = -12 \end{aligned}$$

$$\begin{aligned} 43) \quad & 3x - 2y = 4 \\ & 3x + 2y = 8 \end{aligned}$$

$$\begin{aligned} 44) \quad & x - 2y = -8 \\ & 5x + 4y = -12 \end{aligned}$$

$$\begin{aligned} 45) \quad & 2x + y = 3 \\ & 4x - y = 3 \end{aligned}$$

$$\begin{aligned} 46) \quad & x + y = -4 \\ & x = -2 \end{aligned}$$

$$\begin{aligned} 47) \quad & 3x + 2y = -8 \\ & 3x - 2y = -4 \end{aligned}$$

$$\begin{aligned} 48) \quad & 7x + 3y = 9 \\ & 2x + 3y = -6 \end{aligned}$$

$$\begin{aligned} 49) \quad & 2x - y = 4 \\ & 2x + 3y = 12 \end{aligned}$$

$$\begin{aligned} 50) \quad & x - 4y = -12 \\ & 3x - 2y = 4 \end{aligned}$$

$$\begin{aligned} 51) \quad & x + 3y = -9 \\ & 2x + y = 2 \end{aligned}$$

$$\begin{aligned} 52) \quad & x + 2y = -4 \\ & 5x + 2y = 4 \end{aligned}$$

$$\begin{aligned} 53) \quad & x + y = 2 \\ & 6x + y = -3 \end{aligned}$$

$$\begin{aligned} 54) \quad & x + 2y = -4 \\ & x - 2y = 8 \end{aligned}$$

$$\begin{aligned} 55) \quad & 5x + y = 3 \\ & x - y = 3 \end{aligned}$$

$$\begin{aligned} 56) \quad & x + y = -3 \\ & x = -4 \end{aligned}$$

$$\begin{aligned} 57) \quad & x - 2y = 2 \\ & x + 4y = 8 \end{aligned}$$

$$\begin{aligned} 58) \quad & 2x - y = 3 \\ & 4x + y = 3 \end{aligned}$$

$$\begin{aligned} 59) \quad & 7x + y = -3 \\ & x + y = 3 \end{aligned}$$

$$\begin{aligned} 60) \quad & 5x - 4y = 12 \\ & x - 4y = -4 \end{aligned}$$

$$\begin{aligned} 61) \quad & 2x - 3y = 6 \\ & 8x - 3y = -12 \end{aligned}$$

$$\begin{aligned} 62) \quad & 2x + y = -3 \\ & 5x - y = -4 \end{aligned}$$

$$\begin{aligned} 63) \quad & 4x - 3y = 3 \\ & x - 3y = -6 \end{aligned}$$

$$\begin{aligned} 64) \quad & y = -3 \\ & 3x - 2y = -6 \end{aligned}$$

$$\begin{aligned} 65) \quad & x - 2y = 6 \\ & 3x - y = -2 \end{aligned}$$

$$\begin{aligned} 66) \quad & 3x + y = -4 \\ & 3x - y = -2 \end{aligned}$$

$$\begin{aligned} 67) \quad & 3x - 2y = -8 \\ & 2x + y = -3 \end{aligned}$$

$$\begin{aligned} 68) \quad & 5x - y = 1 \\ & x - y = -3 \end{aligned}$$

$$\begin{aligned} 69) \quad & x - 2y = 6 \\ & 3x + 4y = 8 \end{aligned}$$

$$\begin{aligned} 70) \quad & x - 2y = -6 \\ & 5x - 2y = 2 \end{aligned}$$

$$\begin{aligned} 71) \quad & 2x - y = -2 \\ & x - 3y = 9 \end{aligned}$$

$$\begin{aligned} 72) \quad & x + 2y = 2 \\ & 3x + 2y = -6 \end{aligned}$$

$$\begin{aligned} 73) \quad & x + 2y = 2 \\ & x - 4y = -16 \end{aligned}$$

$$\begin{aligned} 74) \quad & x + 3y = 3 \\ & x - 3y = -9 \end{aligned}$$

$$\begin{aligned} 75) \quad & x + 2y = -2 \\ & 3x + 2y = 6 \end{aligned}$$

$$\begin{aligned} 76) \quad & x - 4y = -12 \\ & 5x + 4y = -12 \end{aligned}$$

$$\begin{aligned} 77) \quad & 2x - y = 4 \\ & x - 4y = -12 \end{aligned}$$

$$\begin{aligned} 78) \quad & x - y = 1 \\ & 4x - y = -2 \end{aligned}$$

$$\begin{aligned} 79) \quad & 3x - y = 2 \\ & 3x + y = 4 \end{aligned}$$

$$\begin{aligned} 80) \quad & 4x - y = 2 \\ & x - y = -1 \end{aligned}$$

$$\begin{aligned} 81) \quad & x + 2y = -4 \\ & 5x - 2y = -8 \end{aligned}$$

$$\begin{aligned} 82) \quad & 2x - 3y = -3 \\ & 2x + 3y = -9 \end{aligned}$$

$$\begin{aligned} 83) \quad & 7x + 3y = 9 \\ & x + 3y = -9 \end{aligned}$$

$$\begin{aligned} 84) \quad & 3x - y = 3 \\ & x + 2y = 8 \end{aligned}$$

$$\begin{aligned} 85) \quad & x - 2y = 8 \\ & x + 2y = -4 \end{aligned}$$

$$\begin{aligned} 86) \quad & 2x - y = 4 \\ & 4x + y = 2 \end{aligned}$$

$$\begin{aligned} 87) \quad & 7x + 2y = 8 \\ & x + 2y = -4 \end{aligned}$$

$$\begin{aligned} 88) \quad & 3x + 4y = -8 \\ & 3x - 4y = -16 \end{aligned}$$

$$\begin{aligned} 89) \quad & 2x - y = 4 \\ & x - 2y = -4 \end{aligned}$$

$$\begin{aligned} 90) \quad & x + y = 3 \\ & 6x + y = -2 \end{aligned}$$

$$\begin{aligned} 91) \quad & 5x + y = 4 \\ & x - y = 2 \end{aligned}$$

$$\begin{aligned} 92) \quad & 2x - y = 4 \\ & x + 3y = 9 \end{aligned}$$

$$\begin{aligned} 93) \quad & 3x + y = -4 \\ & 2x - y = -1 \end{aligned}$$

$$\begin{aligned} 94) \quad & x - 2y = -4 \\ & x + 2y = 8 \end{aligned}$$

$$\begin{aligned} 95) \quad & 2x - y = -3 \\ & x - 3y = 6 \end{aligned}$$

$$\begin{aligned} 96) \quad & x - y = -1 \\ & 3x + 2y = -8 \end{aligned}$$

$$\begin{aligned} 97) \quad & 2x - y = -1 \\ & x + y = 4 \end{aligned}$$

$$\begin{aligned} 98) \quad & x + 2y = -8 \\ & x - 4y = 4 \end{aligned}$$

$$\begin{aligned} 99) \quad & x - 2y = -4 \\ & x + y = -1 \end{aligned}$$

$$\begin{aligned} 100) \quad & x - y = -3 \\ & 6x - y = 2 \end{aligned}$$

$$\begin{aligned} 101) \quad & x + 5y = 25 \\ & 11x - 5y = 35 \end{aligned}$$

$$\begin{aligned} 102) \quad & 2x - 7y = -35 \\ & 9x - 7y = 14 \end{aligned}$$

$$\begin{aligned} 103) \quad & 13x - 5y = -40 \\ & 2x + 5y = -35 \end{aligned}$$

$$\begin{aligned} 104) \quad & 2x + 3y = -12 \\ & 4x - 3y = -6 \end{aligned}$$

$$\begin{aligned} 105) \quad & 12x + y = 3 \\ & x + y = -8 \end{aligned}$$

$$\begin{aligned} 106) \quad & 4x - 9y = -45 \\ & x + y = -8 \end{aligned}$$

$$\begin{aligned} 107) \quad & 7x - 3y = 18 \\ & 2x - 3y = -12 \end{aligned}$$

$$\begin{aligned} 108) \quad & 3x + 5y = 35 \\ & 3x - 5y = -5 \end{aligned}$$

$$\begin{aligned} 109) \quad & 2x + 5y = -35 \\ & 2x - y = -5 \end{aligned}$$

$$\begin{aligned} 110) \quad & 7x - 2y = 2 \\ & x - 2y = 14 \end{aligned}$$

$$\begin{aligned} 111) \quad & 3x - 2y = -10 \\ & 5x + 4y = -24 \end{aligned}$$

$$\begin{aligned} 112) \quad & 4x - 5y = -20 \\ & 14x - 5y = 30 \end{aligned}$$

$$\begin{aligned} 113) \quad & 3x + 4y = 32 \\ & 7x - 4y = 8 \end{aligned}$$

$$\begin{aligned} 114) \quad & 4x - 9y = -54 \\ & 10x + 9y = -72 \end{aligned}$$

$$\begin{aligned} 115) \quad & x + y = -1 \\ & x + 6y = -36 \end{aligned}$$

$$\begin{aligned} 116) \quad & 5x - 4y = -16 \\ & 5x + 4y = -24 \end{aligned}$$

$$\begin{aligned} 117) \quad & x - 3y = 6 \\ & 2x - y = -8 \end{aligned}$$

$$\begin{aligned} 118) \quad & 7x - 4y = 4 \\ & x + 2y = 16 \end{aligned}$$

$$\begin{aligned} 119) \quad & 11x - y = -4 \\ & y = -7 \end{aligned}$$

$$\begin{aligned} 120) \quad & 4x - 5y = -25 \\ & 17x - 5y = 40 \end{aligned}$$

$$\begin{aligned} 121) \quad & 5x + 9y = 63 \\ & 8x - 9y = 54 \end{aligned}$$

$$\begin{aligned} 122) \quad & x - 2y = 2 \\ & 2x - y = -8 \end{aligned}$$

$$\begin{aligned} 123) \quad & 7x - 3y = 3 \\ & 2x + 3y = 24 \end{aligned}$$

$$\begin{aligned} 124) \quad & x - y = 3 \\ & 2x + y = -9 \end{aligned}$$

$$\begin{aligned} 125) \quad & 13x - 4y = 16 \\ & y = 9 \end{aligned}$$

$$\begin{aligned} 126) \quad & 5x - 9y = 18 \\ & x + 3y = 18 \end{aligned}$$

$$\begin{aligned} 127) \quad & 11x + 6y = 36 \\ & x - 6y = 36 \end{aligned}$$

$$\begin{aligned} 128) \quad & 3x + y = -9 \\ & x - y = 5 \end{aligned}$$

$$\begin{aligned} 129) \quad & 3x + 8y = 56 \\ & 3x - 8y = -8 \end{aligned}$$

$$\begin{aligned} 130) \quad & x - y = -5 \\ & 8x - y = 9 \end{aligned}$$

$$\begin{aligned} 131) \quad & 8x - 7y = -35 \\ & 3x + 7y = -42 \end{aligned}$$

$$\begin{aligned} 132) \quad & 9x - 2y = -6 \\ & x - 2y = 10 \end{aligned}$$

$$\begin{aligned} 133) \quad & x + y = -9 \\ & x - 7y = 7 \end{aligned}$$

$$\begin{aligned} 134) \quad & x - 2y = 4 \\ & x + 6y = 12 \end{aligned}$$

$$\begin{aligned} 135) \quad & 13x - 7y = 63 \\ & x - 7y = -21 \end{aligned}$$

$$\begin{aligned} 136) \quad & x - 3y = 24 \\ & 17x - 3y = -24 \end{aligned}$$

$$\begin{aligned} 137) \quad & 6x - y = 5 \\ & x + 2y = 16 \end{aligned}$$

$$\begin{aligned} 138) \quad & 3x + 2y = -16 \\ & 2x - y = 1 \end{aligned}$$

$$\begin{aligned} 139) \quad & x + 8y = -24 \\ & 3x - 4y = -16 \end{aligned}$$

$$\begin{aligned} 140) \quad & 3x + 7y = 56 \\ & 4x - 7y = -7 \end{aligned}$$

$$\begin{aligned} 141) \quad & x - y = -7 \\ & 11x - y = 3 \end{aligned}$$

$$\begin{aligned} 142) \quad & 7x + 5y = 40 \\ & 6x - 5y = 25 \end{aligned}$$

$$\begin{aligned} 143) \quad & 3x - 4y = 20 \\ & 13x - 4y = -20 \end{aligned}$$

$$\begin{aligned} 144) \quad & 17x - 4y = -36 \\ & x + 4y = -36 \end{aligned}$$

$$\begin{aligned} 145) \quad & 4x + 3y = -24 \\ & x = -3 \end{aligned}$$

$$\begin{aligned} 146) \quad & 8x - 5y = 30 \\ & 3x + 5y = 25 \end{aligned}$$

$$\begin{aligned} 147) \quad & x + 3y = -12 \\ & 4x - 9y = -27 \end{aligned}$$

$$\begin{aligned} 148) \quad & x + 3y = 21 \\ & x - 2y = -4 \end{aligned}$$

$$\begin{aligned} 149) \quad & x - 5y = 30 \\ & 13x - 5y = -30 \end{aligned}$$

$$\begin{aligned} 150) \quad & 4x + 3y = -24 \\ & x - y = 1 \end{aligned}$$

$$\begin{aligned} 151) \quad & 5x - y = -4 \\ & x - y = -8 \end{aligned}$$

$$\begin{aligned} 152) \quad & 3x + 2y = 18 \\ & 3x - y = 9 \end{aligned}$$

$$\begin{aligned} 153) \quad & x = -9 \\ & 2x - 9y = -9 \end{aligned}$$

$$\begin{aligned} 154) \quad & 4x - 3y = 6 \\ & x - 6y = -30 \end{aligned}$$

$$\begin{aligned} 155) \quad & 2x - y = -3 \\ & 2x - 5y = 25 \end{aligned}$$

$$\begin{aligned} 156) \quad & x - 2y = -14 \\ & 13x - 4y = 16 \end{aligned}$$

$$\begin{aligned} 157) \quad & 3x + 2y = -18 \\ & 5x - 2y = -14 \end{aligned}$$

$$\begin{aligned} 158) \quad & y = 7 \\ & 16x - 5y = 45 \end{aligned}$$

$$\begin{aligned} 159) \quad & 5x - 2y = 14 \\ & 3x + 4y = 24 \end{aligned}$$

$$\begin{aligned} 160) \quad & x + 8y = -64 \\ & 5x + 4y = 4 \end{aligned}$$

$$\begin{aligned} 161) \quad & 3x + 8y = 48 \\ & 13x + 8y = -32 \end{aligned}$$

$$\begin{aligned} 162) \quad & x + 6y = -42 \\ & 7x - 6y = -6 \end{aligned}$$

$$\begin{aligned} 163) \quad & x = 9 \\ & 7x + 9y = 72 \end{aligned}$$

$$\begin{aligned} 164) \quad & 2x + 5y = -25 \\ & x - y = -2 \end{aligned}$$

$$\begin{aligned} 165) \quad & 8x - 3y = 12 \\ & 4x + 3y = 24 \end{aligned}$$

$$\begin{aligned} 166) \quad & 2x + 5y = 45 \\ & 12x - 5y = 25 \end{aligned}$$

$$\begin{aligned} 167) \quad & 3x + 7y = -56 \\ & x - y = -2 \end{aligned}$$

$$\begin{aligned} 168) \quad & 7x + 5y = -45 \\ & 8x - 5y = -30 \end{aligned}$$

$$\begin{aligned} 169) \quad & 3x + 4y = 28 \\ & 5x - 8y = 32 \end{aligned}$$

$$\begin{aligned} 170) \quad & 4x - y = 8 \\ & 5x + 3y = 27 \end{aligned}$$

$$\begin{aligned} 171) \quad & x + 4y = 36 \\ & 5x - 4y = -12 \end{aligned}$$

$$\begin{aligned} 172) \quad & 3x + 7y = -56 \\ & 2x - y = -9 \end{aligned}$$

$$\begin{aligned} 173) \quad & x - y = 8 \\ & 17x - y = -8 \end{aligned}$$

$$\begin{aligned} 174) \quad & 7x - 2y = 2 \\ & y = -8 \end{aligned}$$

$$\begin{aligned} 175) \quad & x + 2y = 12 \\ & 5x - 8y = 24 \end{aligned}$$

$$\begin{aligned} 176) \quad & 13x - 2y = 16 \\ & 2x + y = 9 \end{aligned}$$

$$\begin{aligned} 177) \quad & y = 8 \\ & 17x - 3y = 27 \end{aligned}$$

$$\begin{aligned} 178) \quad & 7x - 8y = -24 \\ & x - 8y = 24 \end{aligned}$$

$$\begin{aligned} 179) \quad & 3x - 2y = -14 \\ & x + 6y = -18 \end{aligned}$$

$$\begin{aligned} 180) \quad & 3x - 2y = -16 \\ & 4x + 3y = -27 \end{aligned}$$

$$\begin{aligned} 181) \quad & y = 6 \\ & 4x - y = 2 \end{aligned}$$

$$\begin{aligned} 182) \quad & x - 2y = 12 \\ & 4x - y = -1 \end{aligned}$$

$$\begin{aligned} 183) \quad & 3x + 7y = 35 \\ & 4x - 7y = 14 \end{aligned}$$

$$\begin{aligned} 184) \quad & x - 3y = -24 \\ & 6x - y = 9 \end{aligned}$$

$$\begin{aligned} 185) \quad & 2x + 7y = 35 \\ & 11x - 7y = 56 \end{aligned}$$

$$\begin{aligned} 186) \quad & 4x - y = -2 \\ & x - y = -5 \end{aligned}$$

$$\begin{aligned} 187) \quad & x - 3y = 18 \\ & 4x - 3y = 9 \end{aligned}$$

$$\begin{aligned} 188) \quad & x - y = -7 \\ & 5x - y = 1 \end{aligned}$$

$$\begin{aligned} 189) \quad & 5x + 8y = -72 \\ & 5x - 4y = -24 \end{aligned}$$

$$\begin{aligned} 190) \quad & 11x - 3y = -15 \\ & 2x + 3y = -24 \end{aligned}$$

$$\begin{aligned} 191) \quad & 2x - 3y = 15 \\ & 3x - y = -2 \end{aligned}$$

$$\begin{aligned} 192) \quad & 11x - 9y = -72 \\ & 2x - 9y = 9 \end{aligned}$$

$$\begin{aligned} 193) \quad & 6x - 5y = 5 \\ & x + 5y = 30 \end{aligned}$$

$$\begin{aligned} 194) \quad & x - 3y = -6 \\ & 7x - 6y = 18 \end{aligned}$$

$$\begin{aligned} 195) \quad & 5x - 2y = -8 \\ & 3x + 4y = -36 \end{aligned}$$

$$\begin{aligned} 196) \quad & x - 5y = 40 \\ & 3x - y = -6 \end{aligned}$$

$$\begin{aligned} 197) \quad & 4x - 9y = -18 \\ & 4x + 9y = -54 \end{aligned}$$

$$\begin{aligned} 198) \quad & 5x - y = 3 \\ & x - 2y = -12 \end{aligned}$$

$$\begin{aligned} 199) \quad & x - 2y = 2 \\ & 5x + 4y = 24 \end{aligned}$$

$$\begin{aligned} 200) \quad & 2x + 5y = 30 \\ & x - 5y = -15 \end{aligned}$$

$$\begin{aligned} 201) \quad & 17x - 2y = 10 \\ & y = 12 \end{aligned}$$

$$\begin{aligned} 202) \quad & 11x + 18y = 342 \\ & 5x - 6y = 42 \end{aligned}$$

$$\begin{aligned} 203) \quad & 7x - 9y = -9 \\ & x + 6y = 108 \end{aligned}$$

$$\begin{aligned} 204) \quad & 11x - 7y = -28 \\ & x - 2y = 22 \end{aligned}$$

$$\begin{aligned} 205) \quad & 19x + 2y = 10 \\ & 2x - y = 18 \end{aligned}$$

$$\begin{aligned} 206) \quad & 2x + y = 12 \\ & x - 10y = 90 \end{aligned}$$

$$\begin{aligned} 207) \quad & 6x + 7y = -112 \\ & 11x - 7y = -126 \end{aligned}$$

$$\begin{aligned} 208) \quad & 2x + 7y = -105 \\ & 15x - 14y = -56 \end{aligned}$$

$$\begin{aligned} 209) \quad & x = 9 \\ & 2x + 3y = 15 \end{aligned}$$

$$\begin{aligned} 210) \quad & 21x - 2y = 6 \\ & x + 2y = 38 \end{aligned}$$

$$\begin{aligned} 211) \quad & 4x - 3y = 21 \\ & 7x + 9y = 108 \end{aligned}$$

$$\begin{aligned} 212) \quad & 3x - 2y = -22 \\ & 4x + 3y = -18 \end{aligned}$$

$$\begin{aligned} 213) \quad & x - 3y = -33 \\ & 23x + 6y = -84 \end{aligned}$$

$$\begin{aligned} 214) \quad & 2x - 17y = -170 \\ & 25x - 17y = 221 \end{aligned}$$

$$\begin{aligned} 215) \quad & x + y = 9 \\ & x + 6y = 84 \end{aligned}$$

$$\begin{aligned} 216) \quad & 27x - 17y = 153 \\ & 8x - 17y = -170 \end{aligned}$$

$$\begin{aligned} 217) \quad & x - y = 18 \\ & 29x + y = 12 \end{aligned}$$

$$\begin{aligned} 218) \quad & x + y = -10 \\ & 7x + y = -4 \end{aligned}$$

$$\begin{aligned} 219) \quad & 8x - 7y = -56 \\ & 4x + 7y = -112 \end{aligned}$$

$$\begin{aligned} 220) \quad & 32x + 17y = 306 \\ & x - 17y = 255 \end{aligned}$$

$$\begin{aligned} 221) \quad x + 5y &= -20 \\ 17x - 15y &= -240 \end{aligned}$$

$$\begin{aligned} 222) \quad 5x + 3y &= 51 \\ 16x - 9y &= 126 \end{aligned}$$

$$\begin{aligned} 223) \quad 16x - 9y &= 63 \\ y &= 9 \end{aligned}$$

$$\begin{aligned} 224) \quad 3x + 5y &= -15 \\ 7x - 15y &= -195 \end{aligned}$$

$$\begin{aligned} 225) \quad x - y &= 5 \\ 21x + y &= 17 \end{aligned}$$

$$\begin{aligned} 226) \quad 22x + 7y &= -70 \\ 3x + 7y &= 63 \end{aligned}$$

$$\begin{aligned} 227) \quad x &= 16 \\ x - 16y &= 288 \end{aligned}$$

$$\begin{aligned} 228) \quad 17x - 8y &= 16 \\ x - 8y &= -112 \end{aligned}$$

$$\begin{aligned} 229) \quad 3x + 7y &= 112 \\ 25x + 7y &= -42 \end{aligned}$$

$$\begin{aligned} 230) \quad 3x - 16y &= 224 \\ x + 2y &= -6 \end{aligned}$$

$$\begin{aligned} 231) \quad 9x + 4y &= -64 \\ 3x + 4y &= -40 \end{aligned}$$

$$\begin{aligned} 232) \quad 3x - 4y &= 64 \\ 15x + 16y &= 176 \end{aligned}$$

$$\begin{aligned} 233) \quad 2x + 7y &= -112 \\ 4x - 7y &= 70 \end{aligned}$$

$$\begin{aligned} 234) \quad 11x - 15y &= -195 \\ x + y &= -13 \end{aligned}$$

$$\begin{aligned} 235) \quad 3x + 4y &= -28 \\ 9x - 8y &= -64 \end{aligned}$$

$$\begin{aligned} 236) \quad x + 11y &= 55 \\ 15x + 11y &= -99 \end{aligned}$$

$$\begin{aligned} 237) \quad x - 8y &= -88 \\ x + y &= -7 \end{aligned}$$

$$\begin{aligned} 238) \quad 3x - y &= 12 \\ 3x - 8y &= -72 \end{aligned}$$

$$\begin{aligned} 239) \quad x - 4y &= 60 \\ 3x - 2y &= 10 \end{aligned}$$

$$\begin{aligned} 240) \quad x - 8y &= -136 \\ 19x + 16y &= -64 \end{aligned}$$

$$\begin{aligned} 241) \quad x + 8y &= -88 \\ 7x - 8y &= 24 \end{aligned}$$

$$\begin{aligned} 242) \quad 12x + 7y &= -14 \\ 4x - 7y &= 126 \end{aligned}$$

$$\begin{aligned} 243) \quad y &= -7 \\ 16x + 15y &= 135 \end{aligned}$$

$$\begin{aligned} 244) \quad 5x + 4y &= -56 \\ 3x + 8y &= -56 \end{aligned}$$

$$\begin{aligned} 245) \quad 14x - 15y &= 225 \\ x - 5y &= 20 \end{aligned}$$

$$\begin{aligned} 246) \quad x - y &= -10 \\ 4x - y &= -13 \end{aligned}$$

$$\begin{aligned} 247) \quad 4x + y &= 19 \\ 3x - y &= 9 \end{aligned}$$

$$\begin{aligned} 248) \quad 31x - 8y &= 96 \\ 3x - 4y &= -52 \end{aligned}$$

$$\begin{aligned} 249) \quad 3x + 16y &= 256 \\ 23x + 16y &= -64 \end{aligned}$$

$$\begin{aligned} 250) \quad x - y &= 9 \\ 2x - 15y &= -60 \end{aligned}$$

$$\begin{aligned} 251) \quad 18x + y &= -2 \\ 2x - y &= -18 \end{aligned}$$

$$\begin{aligned} 252) \quad 11x + 8y &= -80 \\ x - 16y &= -208 \end{aligned}$$

- 253) $2x - 7y = 84$
 $2x + y = 4$
- 255) $31x + 7y = 98$
 $6x + 7y = -77$
- 257) $x + 5y = -5$
 $x - y = 19$
- 259) $22x + y = -16$
 $x - y = -7$
- 261) $3x - 7y = -21$
 $11x - 7y = 91$
- 263) $x - 17y = -289$
 $15x + 17y = 17$
- 265) $x + y = 17$
 $37x + 2y = -36$
- 267) $8x + 17y = -306$
 $18x - 17y = -136$
- 269) $11x - 5y = -90$
 $x - 10y = 30$
- 271) $15x + 11y = -99$
 $4x + 11y = 22$
- 273) $3x + 13y = 208$
 $12x - 13y = -13$
- 275) $x - 10y = -40$
 $19x + 10y = -160$
- 277) $8x - 13y = -143$
 $36x - 13y = 221$
- 279) $17x + 5y = 70$
 $x + 5y = -10$
- 281) $2x + 3y = -42$
 $10x + 3y = 6$
- 283) $x + 5y = 20$
 $2x + y = 13$
- 254) $20x - 17y = -102$
 $2x + 17y = -272$
- 256) $x + 18y = -144$
 $13x + 18y = 72$
- 258) $x + 9y = -72$
 $11x + 9y = -162$
- 260) $19x - 14y = 224$
 $8x + 7y = 133$
- 262) $8x - 17y = 153$
 $32x - 17y = -255$
- 264) $15x + y = -2$
 $y = 13$
- 266) $25x + 6y = 108$
 $x + y = -1$
- 268) $x + 2y = -20$
 $29x + 6y = 96$
- 270) $9x - 7y = 84$
 $x + 14y = 98$
- 272) $4x - 5y = -90$
 $8x + 5y = -30$
- 274) $3x + 2y = 26$
 $x + 2y = 30$
- 276) $3x - 2y = 26$
 $16x - y = -16$
- 278) $x - 6y = 24$
 $17x - 18y = -180$
- 280) $5x + 18y = -324$
 $11x - 18y = 36$
- 282) $25x - 2y = -30$
 $2x + y = -14$
- 284) $8x + 5y = -50$
 $3x - 10y = -90$

$$\begin{aligned} 285) \quad & 8x + 11y = 55 \\ & 27x + 11y = -154 \end{aligned}$$

$$\begin{aligned} 286) \quad & x + 5y = 55 \\ & 3x - 5y = -35 \end{aligned}$$

$$\begin{aligned} 287) \quad & 30x - 11y = -121 \\ & x - 11y = 198 \end{aligned}$$

$$\begin{aligned} 288) \quad & x - 13y = 221 \\ & 25x + 13y = 117 \end{aligned}$$

$$\begin{aligned} 289) \quad & 2x + 3y = -24 \\ & 17x - 3y = -33 \end{aligned}$$

$$\begin{aligned} 290) \quad & x + y = -16 \\ & 7x - 3y = 18 \end{aligned}$$

$$\begin{aligned} 291) \quad & x + 3y = -18 \\ & 2x + y = 14 \end{aligned}$$

$$\begin{aligned} 292) \quad & 30x - 13y = 182 \\ & 3x + 13y = 247 \end{aligned}$$

$$\begin{aligned} 293) \quad & x = 15 \\ & 16x - 15y = 285 \end{aligned}$$

$$\begin{aligned} 294) \quad & 3x + y = 19 \\ & 7x - 2y = 14 \end{aligned}$$

$$\begin{aligned} 295) \quad & 3x - 19y = -114 \\ & 8x + 19y = -95 \end{aligned}$$

$$\begin{aligned} 296) \quad & 3x + 4y = 64 \\ & 31x - 4y = 72 \end{aligned}$$

$$\begin{aligned} 297) \quad & 3x - 19y = -247 \\ & 20x + 19y = -190 \end{aligned}$$

$$\begin{aligned} 298) \quad & 13x + 2y = 14 \\ & x + 2y = -34 \end{aligned}$$

$$\begin{aligned} 299) \quad & 2x + 11y = 154 \\ & 20x + 11y = -44 \end{aligned}$$

$$\begin{aligned} 300) \quad & 4x + 19y = -133 \\ & 14x - 19y = -209 \end{aligned}$$

$$\begin{aligned} 301) \quad & x - y = 4 \\ & x + y = 2 \end{aligned}$$

$$\begin{aligned} 302) \quad & 5x + 3y = -9 \\ & 2x - 3y = -12 \end{aligned}$$

$$\begin{aligned} 303) \quad & x + 2y = 8 \\ & 3x - y = 3 \end{aligned}$$

$$\begin{aligned} 304) \quad & 5x + 3y = 3 \\ & x + 3y = -9 \end{aligned}$$

$$\begin{aligned} 305) \quad & x - 4y = -16 \\ & 3x + 2y = -6 \end{aligned}$$

$$\begin{aligned} 306) \quad & 2x - y = 1 \\ & x + y = -4 \end{aligned}$$

$$\begin{aligned} 307) \quad & 3x + 2y = 8 \\ & 2x - y = 3 \end{aligned}$$

$$\begin{aligned} 308) \quad & x + y = -3 \\ & x + y = -1 \end{aligned}$$

$$\begin{aligned} 309) \quad & 3x - y = 2 \\ & 3x - y = -2 \end{aligned}$$

$$\begin{aligned} 310) \quad & 5x + 4y = 4 \\ & x + 4y = -12 \end{aligned}$$

$$\begin{aligned} 311) \quad & x - 2y = -4 \\ & 2x - y = 4 \end{aligned}$$

$$\begin{aligned} 312) \quad & x + 2y = 2 \\ & 2x + y = -2 \end{aligned}$$

$$\begin{aligned} 313) \quad & 5x - 2y = -8 \\ & x + 2y = -4 \end{aligned}$$

$$\begin{aligned} 314) \quad & 7x + 3y = 9 \\ & 2x + 3y = -6 \end{aligned}$$

$$\begin{aligned} 315) \quad & x + y = 2 \\ & 6x + y = -3 \end{aligned}$$

$$\begin{aligned} 316) \quad & x + y = -4 \\ & 4x - y = -1 \end{aligned}$$

$$\begin{aligned} 317) \quad x - 2y &= 8 \\ 7x + 2y &= 8 \end{aligned}$$

$$\begin{aligned} 318) \quad x + y &= -1 \\ x + y &= -4 \end{aligned}$$

$$\begin{aligned} 319) \quad x - y &= 3 \\ 6x - y &= -2 \end{aligned}$$

$$\begin{aligned} 320) \quad x - 2y &= 2 \\ x - 2y &= 4 \end{aligned}$$

$$\begin{aligned} 321) \quad x - y &= 2 \\ x &= -2 \end{aligned}$$

$$\begin{aligned} 322) \quad 5x - 2y &= -8 \\ 3x + 2y &= -8 \end{aligned}$$

$$\begin{aligned} 323) \quad 2x + 3y &= 12 \\ 5x - 3y &= 9 \end{aligned}$$

$$\begin{aligned} 324) \quad 8x - 3y &= -12 \\ x - 3y &= 9 \end{aligned}$$

$$\begin{aligned} 325) \quad 6x + y &= -2 \\ x + y &= 3 \end{aligned}$$

$$\begin{aligned} 326) \quad 6x - y &= -2 \\ x - y &= 3 \end{aligned}$$

$$\begin{aligned} 327) \quad x - y &= -3 \\ x + 2y &= -6 \end{aligned}$$

$$\begin{aligned} 328) \quad x + 4y &= -16 \\ x - 2y &= 2 \end{aligned}$$

$$\begin{aligned} 329) \quad 7x - y &= 3 \\ x - y &= -3 \end{aligned}$$

$$\begin{aligned} 330) \quad x - 4y &= 4 \\ x - 4y &= -12 \end{aligned}$$

$$\begin{aligned} 331) \quad 3x + 2y &= -4 \\ x - y &= -3 \end{aligned}$$

$$\begin{aligned} 332) \quad x + 2y &= 8 \\ x - 2y &= -4 \end{aligned}$$

$$\begin{aligned} 333) \quad x - 4y &= 8 \\ x + y &= 3 \end{aligned}$$

$$\begin{aligned} 334) \quad 8x - 3y &= 12 \\ 2x - 3y &= -6 \end{aligned}$$

$$\begin{aligned} 335) \quad x - 2y &= -4 \\ x + 2y &= 8 \end{aligned}$$

$$\begin{aligned} 336) \quad 7x + 3y &= -12 \\ x + 3y &= 6 \end{aligned}$$

$$\begin{aligned} 337) \quad 5x + 3y &= -9 \\ x - 3y &= -9 \end{aligned}$$

$$\begin{aligned} 338) \quad x - y &= 2 \\ 4x - y &= -1 \end{aligned}$$

$$\begin{aligned} 339) \quad 2x + y &= 2 \\ x + 3y &= -9 \end{aligned}$$

$$\begin{aligned} 340) \quad x + y &= 4 \\ 3x - 2y &= 2 \end{aligned}$$

$$\begin{aligned} 341) \quad x - 2y &= 2 \\ x - 2y &= -8 \end{aligned}$$

$$\begin{aligned} 342) \quad x + y &= 3 \\ x &= 2 \end{aligned}$$

$$\begin{aligned} 343) \quad 5x + 4y &= -4 \\ x + 4y &= 12 \end{aligned}$$

$$\begin{aligned} 344) \quad 2x + y &= 4 \\ 4x - y &= 2 \end{aligned}$$

$$\begin{aligned} 345) \quad x - y &= -2 \\ x + 3y &= -6 \end{aligned}$$

$$\begin{aligned} 346) \quad 8x + 3y &= 12 \\ x + 3y &= -9 \end{aligned}$$

$$\begin{aligned} 347) \quad x - 2y &= -4 \\ 7x - 4y &= 12 \end{aligned}$$

$$\begin{aligned} 348) \quad 6x + y &= -3 \\ x - y &= -4 \end{aligned}$$

$$\begin{aligned} 349) \quad x + y &= -4 \\ 4x - 3y &= -9 \end{aligned}$$

$$\begin{aligned} 350) \quad x + 2y &= -4 \\ 3x + y &= 3 \end{aligned}$$

$$\begin{aligned} 351) \quad 3x - y &= -2 \\ 3x - y &= -1 \end{aligned}$$

$$\begin{aligned} 352) \quad x + y &= 3 \\ 6x + y &= -2 \end{aligned}$$

$$\begin{aligned} 353) \quad x - y &= 4 \\ 2x + y &= 2 \end{aligned}$$

$$\begin{aligned} 354) \quad x + 2y &= 6 \\ 4x + y &= -4 \end{aligned}$$

$$\begin{aligned} 355) \quad x - 2y &= 2 \\ 3x + 4y &= 16 \end{aligned}$$

$$\begin{aligned} 356) \quad 3x + y &= 2 \\ x - y &= 2 \end{aligned}$$

$$\begin{aligned} 357) \quad 3x - 2y &= 2 \\ x &= -2 \end{aligned}$$

$$\begin{aligned} 358) \quad x - 3y &= -3 \\ 5x - 3y &= 9 \end{aligned}$$

$$\begin{aligned} 359) \quad 5x - 4y &= -16 \\ 3x + 4y &= -16 \end{aligned}$$

$$\begin{aligned} 360) \quad x - 2y &= -4 \\ 2x - y &= 1 \end{aligned}$$

$$\begin{aligned} 361) \quad x - 3y &= 6 \\ x + 3y &= -12 \end{aligned}$$

$$\begin{aligned} 362) \quad x - y &= -3 \\ 2x + y &= -3 \end{aligned}$$

$$\begin{aligned} 363) \quad x - y &= -3 \\ 7x - y &= 3 \end{aligned}$$

$$\begin{aligned} 364) \quad 5x - 2y &= 4 \\ x + 2y &= 8 \end{aligned}$$

$$\begin{aligned} 365) \quad 3x - 4y &= -4 \\ x + 4y &= -12 \end{aligned}$$

$$\begin{aligned} 366) \quad x + 2y &= 2 \\ x - 2y &= -6 \end{aligned}$$

$$\begin{aligned} 367) \quad x - 2y &= 6 \\ x + y &= 3 \end{aligned}$$

$$\begin{aligned} 368) \quad x - 2y &= 8 \\ 5x + 4y &= 12 \end{aligned}$$

$$\begin{aligned} 369) \quad x + 2y &= -6 \\ 7x + 2y &= 6 \end{aligned}$$

$$\begin{aligned} 370) \quad x - y &= -2 \\ 7x - y &= 4 \end{aligned}$$

$$\begin{aligned} 371) \quad 4x - y &= -2 \\ x - y &= 1 \end{aligned}$$

$$\begin{aligned} 372) \quad x + 4y &= 8 \\ 7x + 4y &= -16 \end{aligned}$$

$$\begin{aligned} 373) \quad 2x + 3y &= 3 \\ 7x + 3y &= -12 \end{aligned}$$

$$\begin{aligned} 374) \quad x + y &= -4 \\ y &= -2 \end{aligned}$$

$$\begin{aligned} 375) \quad x + 2y &= 4 \\ 3x + 2y &= 8 \end{aligned}$$

$$\begin{aligned} 376) \quad x - y &= -1 \\ 4x - y &= 2 \end{aligned}$$

$$\begin{aligned} 377) \quad x + 4y &= -12 \\ x + 4y &= 16 \end{aligned}$$

$$\begin{aligned} 378) \quad 7x - 4y &= 12 \\ x - 4y &= -12 \end{aligned}$$

$$\begin{aligned} 379) \quad 4x - 3y &= -9 \\ 2x + 3y &= -9 \end{aligned}$$

$$\begin{aligned} 380) \quad 2x - y &= -4 \\ 4x + y &= -2 \end{aligned}$$

$$\begin{aligned} 381) \quad x + y &= 2 \\ 7x + y &= -4 \end{aligned}$$

$$\begin{aligned} 382) \quad x - 3y &= 12 \\ x + 3y &= -6 \end{aligned}$$

$$\begin{aligned} 383) \quad 3x - y &= -2 \\ x - 2y &= 6 \end{aligned}$$

$$\begin{aligned} 384) \quad 5x + 2y &= 6 \\ x - y &= 4 \end{aligned}$$

$$\begin{aligned} 385) \quad 3x + 4y &= 16 \\ 3x - 4y &= 8 \end{aligned}$$

$$\begin{aligned} 386) \quad 2x - y &= 4 \\ 5x + y &= 3 \end{aligned}$$

$$\begin{aligned} 387) \quad x - y &= 2 \\ x - y &= 3 \end{aligned}$$

$$\begin{aligned} 388) \quad x - 3y &= 9 \\ x - 3y &= -3 \end{aligned}$$

$$\begin{aligned} 389) \quad 3x + 4y &= 8 \\ 3x - 4y &= 16 \end{aligned}$$

$$\begin{aligned} 390) \quad 2x - y &= 4 \\ x + 3y &= 9 \end{aligned}$$

$$\begin{aligned} 391) \quad 3x - 2y &= -6 \\ x - 2y &= 2 \end{aligned}$$

$$\begin{aligned} 392) \quad y &= 4 \\ 7x - 2y &= 6 \end{aligned}$$

$$\begin{aligned} 393) \quad x - 2y &= -4 \\ 7x - 2y &= 8 \end{aligned}$$

$$\begin{aligned} 394) \quad 5x + y &= -4 \\ x - y &= -2 \end{aligned}$$

$$\begin{aligned} 395) \quad 7x + 4y &= 16 \\ x + 2y &= -2 \end{aligned}$$

$$\begin{aligned} 396) \quad x - y &= -3 \\ 5x - y &= 1 \end{aligned}$$

$$\begin{aligned} 397) \quad 4x + y &= -4 \\ x + 2y &= 6 \end{aligned}$$

$$\begin{aligned} 398) \quad 3x + 4y &= 4 \\ x - 4y &= 12 \end{aligned}$$

$$\begin{aligned} 399) \quad 2x + y &= -2 \\ 2x + y &= 1 \end{aligned}$$

$$\begin{aligned} 400) \quad 3x + y &= -1 \\ 3x + y &= 3 \end{aligned}$$

$$\begin{aligned} 401) \quad 5x + 3y &= -9 \\ 2x - 3y &= -12 \end{aligned}$$

$$\begin{aligned} 402) \quad 9x + 2y &= -8 \\ x - 2y &= -12 \end{aligned}$$

$$\begin{aligned} 403) \quad 2x + 7y &= 49 \\ 10x + 7y &= -7 \end{aligned}$$

$$\begin{aligned} 404) \quad 2x + 3y &= -9 \\ x - 3y &= 27 \end{aligned}$$

$$\begin{aligned} 405) \quad 3x + 2y &= -6 \\ x - 2y &= -10 \end{aligned}$$

$$\begin{aligned} 406) \quad 3x + 2y &= 16 \\ x + 4y &= -8 \end{aligned}$$

$$\begin{aligned} 407) \quad 7x - 2y &= 16 \\ x + y &= 1 \end{aligned}$$

$$\begin{aligned} 408) \quad 4x + y &= -2 \\ 3x - 2y &= -18 \end{aligned}$$

$$\begin{aligned} 409) \quad 3x - 7y &= 42 \\ 3x - 7y &= -35 \end{aligned}$$

$$\begin{aligned} 410) \quad x - 6y &= 48 \\ x - 6y &= -12 \end{aligned}$$

$$\begin{aligned} 411) \quad x + 4y &= -4 \\ 3x - 8y &= -32 \end{aligned}$$

$$\begin{aligned} 412) \quad 3x + 2y &= -6 \\ x + 4y &= 28 \end{aligned}$$

$$\begin{aligned} 413) \quad & 13x + 3y = -18 \\ & x + 3y = 18 \end{aligned}$$

$$\begin{aligned} 414) \quad & 5x - 4y = -32 \\ & 5x + 2y = -14 \end{aligned}$$

$$\begin{aligned} 415) \quad & 14x + 5y = 40 \\ & x - 5y = 35 \end{aligned}$$

$$\begin{aligned} 416) \quad & 15x - 8y = -48 \\ & 3x - 8y = 48 \end{aligned}$$

$$\begin{aligned} 417) \quad & x - 2y = 12 \\ & 3x + 2y = 12 \end{aligned}$$

$$\begin{aligned} 418) \quad & 2x + y = 3 \\ & 3x - y = 2 \end{aligned}$$

$$\begin{aligned} 419) \quad & 4x - 5y = -40 \\ & 6x + 5y = -10 \end{aligned}$$

$$\begin{aligned} 420) \quad & 3x + y = 7 \\ & 3x + y = 1 \end{aligned}$$

$$\begin{aligned} 421) \quad & 7x - 9y = 18 \\ & 7x - 9y = -63 \end{aligned}$$

$$\begin{aligned} 422) \quad & x - 3y = -24 \\ & 3x + y = -2 \end{aligned}$$

$$\begin{aligned} 423) \quad & 5x + 3y = 24 \\ & x + 2y = 2 \end{aligned}$$

$$\begin{aligned} 424) \quad & 3x - 5y = -35 \\ & 3x + 5y = 5 \end{aligned}$$

$$\begin{aligned} 425) \quad & x + 3y = -15 \\ & 14x + 9y = 54 \end{aligned}$$

$$\begin{aligned} 426) \quad & 15x + 4y = -28 \\ & 3x + 4y = 20 \end{aligned}$$

$$\begin{aligned} 427) \quad & 2x - y = 7 \\ & 5x + 4y = 24 \end{aligned}$$

$$\begin{aligned} 428) \quad & 2x + y = 3 \\ & x - 4y = 24 \end{aligned}$$

$$\begin{aligned} 429) \quad & x + y = -5 \\ & 2x - 7y = -28 \end{aligned}$$

$$\begin{aligned} 430) \quad & 6x - 5y = 40 \\ & 9x + 5y = 35 \end{aligned}$$

$$\begin{aligned} 431) \quad & x + y = 4 \\ & x + y = 2 \end{aligned}$$

$$\begin{aligned} 432) \quad & x + y = -1 \\ & 2x - 3y = -27 \end{aligned}$$

$$\begin{aligned} 433) \quad & 16x + 9y = 81 \\ & 16x + 9y = -36 \end{aligned}$$

$$\begin{aligned} 434) \quad & x - y = 6 \\ & 8x + 5y = 35 \end{aligned}$$

$$\begin{aligned} 435) \quad & 7x - y = -9 \\ & x - y = -3 \end{aligned}$$

$$\begin{aligned} 436) \quad & 4x - 3y = 24 \\ & 10x + 3y = 18 \end{aligned}$$

$$\begin{aligned} 437) \quad & x + 6y = 30 \\ & 5x + 2y = -18 \end{aligned}$$

$$\begin{aligned} 438) \quad & x + y = 9 \\ & x + y = -9 \end{aligned}$$

$$\begin{aligned} 439) \quad & 10x + 3y = 18 \\ & x + 3y = -9 \end{aligned}$$

$$\begin{aligned} 440) \quad & x = 8 \\ & 11x + 8y = 32 \end{aligned}$$

$$\begin{aligned} 441) \quad & x + 5y = 40 \\ & 13x + 5y = -20 \end{aligned}$$

$$\begin{aligned} 442) \quad & 3x - 7y = -63 \\ & 3x - 7y = 28 \end{aligned}$$

$$\begin{aligned} 443) \quad & 12x + y = -9 \\ & y = 3 \end{aligned}$$

$$\begin{aligned} 444) \quad & 7x + 8y = 8 \\ & 3x - 8y = 72 \end{aligned}$$

$$\begin{aligned} 445) \quad x + y &= -2 \\ x + y &= -5 \end{aligned}$$

$$\begin{aligned} 446) \quad x + y &= -1 \\ 3x - y &= 9 \end{aligned}$$

$$\begin{aligned} 447) \quad 11x + 2y &= -14 \\ 2x - y &= -8 \end{aligned}$$

$$\begin{aligned} 448) \quad 7x - 3y &= 15 \\ y &= 9 \end{aligned}$$

$$\begin{aligned} 449) \quad 3x + 2y &= -10 \\ x - 4y &= -36 \end{aligned}$$

$$\begin{aligned} 450) \quad 7x + 2y &= 10 \\ 3x - y &= 8 \end{aligned}$$

$$\begin{aligned} 451) \quad x - 4y &= -8 \\ x - y &= -5 \end{aligned}$$

$$\begin{aligned} 452) \quad 5x + 3y &= -3 \\ 5x + 3y &= -12 \end{aligned}$$

$$\begin{aligned} 453) \quad 3x + y &= 9 \\ 2x + 3y &= -15 \end{aligned}$$

$$\begin{aligned} 454) \quad 3x + 8y &= 32 \\ 7x + 4y &= -28 \end{aligned}$$

$$\begin{aligned} 455) \quad 13x + 7y &= 49 \\ 3x + 7y &= -21 \end{aligned}$$

$$\begin{aligned} 456) \quad x - 5y &= 45 \\ 9x + 5y &= 5 \end{aligned}$$

$$\begin{aligned} 457) \quad 2x + y &= -1 \\ 2x + y &= 6 \end{aligned}$$

$$\begin{aligned} 458) \quad x - 5y &= -10 \\ 7x + 5y &= -30 \end{aligned}$$

$$\begin{aligned} 459) \quad 5x + y &= 3 \\ 2x - y &= 4 \end{aligned}$$

$$\begin{aligned} 460) \quad 4x + 9y &= 36 \\ 17x + 9y &= -81 \end{aligned}$$

$$\begin{aligned} 461) \quad 10x + 7y &= 35 \\ x + 7y &= -28 \end{aligned}$$

$$\begin{aligned} 462) \quad 9x + 5y &= 5 \\ 2x + 5y &= -30 \end{aligned}$$

$$\begin{aligned} 463) \quad x + 2y &= -2 \\ 5x + 3y &= 18 \end{aligned}$$

$$\begin{aligned} 464) \quad x + 5y &= 5 \\ x &= -5 \end{aligned}$$

$$\begin{aligned} 465) \quad 3x + 2y &= -2 \\ x - 2y &= -14 \end{aligned}$$

$$\begin{aligned} 466) \quad 3x + y &= 2 \\ 4x - y &= 5 \end{aligned}$$

$$\begin{aligned} 467) \quad x - 4y &= 32 \\ 7x + 2y &= 14 \end{aligned}$$

$$\begin{aligned} 468) \quad 4x + 9y &= 45 \\ 5x + 3y &= -18 \end{aligned}$$

$$\begin{aligned} 469) \quad x - y &= -8 \\ x - y &= -4 \end{aligned}$$

$$\begin{aligned} 470) \quad 11x + 6y &= -48 \\ 11x + 6y &= -30 \end{aligned}$$

$$\begin{aligned} 471) \quad 5x + 3y &= 18 \\ x - 3y &= 18 \end{aligned}$$

$$\begin{aligned} 472) \quad x &= 9 \\ x - 9y &= -72 \end{aligned}$$

$$\begin{aligned} 473) \quad x + 5y &= -10 \\ 2x - 5y &= 25 \end{aligned}$$

$$\begin{aligned} 474) \quad 3x + y &= -6 \\ x + 2y &= 8 \end{aligned}$$

$$\begin{aligned} 475) \quad x + 2y &= -10 \\ x - 4y &= 32 \end{aligned}$$

$$\begin{aligned} 476) \quad 5x - 6y &= -48 \\ x &= -6 \end{aligned}$$

$$\begin{aligned} 477) \quad x + 5y &= 30 \\ x &= -5 \end{aligned}$$

$$\begin{aligned} 478) \quad 2x - y &= -1 \\ 2x + y &= -3 \end{aligned}$$

$$\begin{aligned} 479) \quad x - y &= 9 \\ y &= -6 \end{aligned}$$

$$\begin{aligned} 480) \quad 3x - 2y &= 18 \\ 3x - 2y &= -4 \end{aligned}$$

$$\begin{aligned} 481) \quad 6x + y &= -5 \\ 6x + y &= -4 \end{aligned}$$

$$\begin{aligned} 482) \quad 11x + 7y &= -49 \\ 5x - 7y &= -63 \end{aligned}$$

$$\begin{aligned} 483) \quad 2x + y &= -3 \\ y &= 7 \end{aligned}$$

$$\begin{aligned} 484) \quad 4x + 3y &= 9 \\ x + 9y &= -72 \end{aligned}$$

$$\begin{aligned} 485) \quad 3x - 2y &= 16 \\ x + y &= -3 \end{aligned}$$

$$\begin{aligned} 486) \quad x + 2y &= -10 \\ 3x + 2y &= 6 \end{aligned}$$

$$\begin{aligned} 487) \quad x - 4y &= 12 \\ 7x - 4y &= 36 \end{aligned}$$

$$\begin{aligned} 488) \quad 7x + 2y &= -12 \\ 3x - 2y &= -8 \end{aligned}$$

$$\begin{aligned} 489) \quad 4x - 7y &= -56 \\ 12x + 7y &= -56 \end{aligned}$$

$$\begin{aligned} 490) \quad 2x + 7y &= -42 \\ 12x + 7y &= 28 \end{aligned}$$

$$\begin{aligned} 491) \quad 5x + 6y &= 18 \\ x + 6y &= 42 \end{aligned}$$

$$\begin{aligned} 492) \quad 3x - 2y &= 16 \\ 3x - 2y &= 4 \end{aligned}$$

$$\begin{aligned} 493) \quad 5x - 3y &= 21 \\ 5x - 3y &= 3 \end{aligned}$$

$$\begin{aligned} 494) \quad 3x + 2y &= -14 \\ 3x - 8y &= -64 \end{aligned}$$

$$\begin{aligned} 495) \quad 11x + 2y &= -18 \\ 3x - 2y &= -10 \end{aligned}$$

$$\begin{aligned} 496) \quad x + 6y &= 42 \\ 7x + 3y &= -18 \end{aligned}$$

$$\begin{aligned} 497) \quad 13x + 7y &= 42 \\ x + 7y &= -42 \end{aligned}$$

$$\begin{aligned} 498) \quad 11x + y &= 7 \\ 2x - y &= 6 \end{aligned}$$

$$\begin{aligned} 499) \quad x - 3y &= 6 \\ 4x + 3y &= 9 \end{aligned}$$

$$\begin{aligned} 500) \quad 3x + y &= -7 \\ x - y &= -5 \end{aligned}$$

$$\begin{aligned} 501) \quad 19x + 8y &= 152 \\ 3x + 4y &= -28 \end{aligned}$$

$$\begin{aligned} 502) \quad 32x + 15y &= 285 \\ 32x + 15y &= -30 \end{aligned}$$

$$\begin{aligned} 503) \quad 31x - 8y &= -120 \\ 5x - 8y &= 88 \end{aligned}$$

$$\begin{aligned} 504) \quad x - 3y &= 45 \\ 5x + 3y &= 45 \end{aligned}$$

$$\begin{aligned} 505) \quad 5x - 11y &= 88 \\ 5x + 11y &= 22 \end{aligned}$$

$$\begin{aligned} 506) \quad 2x + 13y &= -182 \\ 29x + 13y &= 169 \end{aligned}$$

$$\begin{aligned} 507) \quad 16x - 7y &= 91 \\ 11x + 7y &= 98 \end{aligned}$$

$$\begin{aligned} 508) \quad 6x + 7y &= 112 \\ 4x - y &= 18 \end{aligned}$$

$$\begin{aligned} 509) \quad & 11x + 16y = -64 \\ & x - 4y = -44 \end{aligned}$$

$$\begin{aligned} 510) \quad & 9x + 16y = -240 \\ & 3x - 16y = 48 \end{aligned}$$

$$\begin{aligned} 511) \quad & 17x + 8y = -32 \\ & y = 13 \end{aligned}$$

$$\begin{aligned} 512) \quad & 4x + 3y = 12 \\ & 4x + 3y = 33 \end{aligned}$$

$$\begin{aligned} 513) \quad & 28x - 9y = -135 \\ & 28x - 9y = 18 \end{aligned}$$

$$\begin{aligned} 514) \quad & 5x - 9y = 126 \\ & 11x - 3y = -42 \end{aligned}$$

$$\begin{aligned} 515) \quad & 4x - y = 11 \\ & 6x - 7y = -77 \end{aligned}$$

$$\begin{aligned} 516) \quad & x = 14 \\ & x - y = 17 \end{aligned}$$

$$\begin{aligned} 517) \quad & 5x - 4y = -76 \\ & x - 4y = -12 \end{aligned}$$

$$\begin{aligned} 518) \quad & x = 15 \\ & x + 15y = -120 \end{aligned}$$

$$\begin{aligned} 519) \quad & 21x + 17y = -289 \\ & 3x - 17y = -119 \end{aligned}$$

$$\begin{aligned} 520) \quad & 2x - 17y = -204 \\ & 27x + 17y = -289 \end{aligned}$$

$$\begin{aligned} 521) \quad & 2x - y = 4 \\ & 6x + y = -12 \end{aligned}$$

$$\begin{aligned} 522) \quad & 11x - 3y = 27 \\ & 2x - 3y = -27 \end{aligned}$$

$$\begin{aligned} 523) \quad & x - y = -8 \\ & x + y = 6 \end{aligned}$$

$$\begin{aligned} 524) \quad & x + 6y = -108 \\ & x + 6y = -90 \end{aligned}$$

$$\begin{aligned} 525) \quad & 11x + 17y = 102 \\ & y = 17 \end{aligned}$$

$$\begin{aligned} 526) \quad & 19x - 9y = -27 \\ & 19x - 9y = 171 \end{aligned}$$

$$\begin{aligned} 527) \quad & 31x + 6y = 114 \\ & x + 2y = -18 \end{aligned}$$

$$\begin{aligned} 528) \quad & x = -10 \\ & 2x + 5y = -35 \end{aligned}$$

$$\begin{aligned} 529) \quad & x - 7y = 7 \\ & 10x - 7y = 133 \end{aligned}$$

$$\begin{aligned} 530) \quad & x + 9y = -90 \\ & 3x - y = -18 \end{aligned}$$

$$\begin{aligned} 531) \quad & 11x + 14y = 70 \\ & 3x - 7y = 84 \end{aligned}$$

$$\begin{aligned} 532) \quad & x - y = -6 \\ & 6x - y = -16 \end{aligned}$$

$$\begin{aligned} 533) \quad & x + y = 8 \\ & 27x + 2y = -34 \end{aligned}$$

$$\begin{aligned} 534) \quad & 23x + 18y = -162 \\ & x + 18y = 234 \end{aligned}$$

$$\begin{aligned} 535) \quad & 11x + 2y = 12 \\ & 11x + 2y = -20 \end{aligned}$$

$$\begin{aligned} 536) \quad & 5x - 18y = 252 \\ & 35x - 18y = -288 \end{aligned}$$

$$\begin{aligned} 537) \quad & x + 6y = -90 \\ & 3x + y = 2 \end{aligned}$$

$$\begin{aligned} 538) \quad & 3x - 2y = -30 \\ & 2x - 9y = 72 \end{aligned}$$

$$\begin{aligned} 539) \quad & 2x - 7y = -21 \\ & 9x - 7y = 77 \end{aligned}$$

$$\begin{aligned} 540) \quad & 3x + 5y = -30 \\ & 28x + 5y = 95 \end{aligned}$$

$$\begin{aligned} 541) \quad x - 5y &= -15 \\ 6x - 5y &= -65 \end{aligned}$$

$$\begin{aligned} 542) \quad 4x + 5y &= -70 \\ 2x - 5y &= 10 \end{aligned}$$

$$\begin{aligned} 543) \quad 13x - 5y &= 80 \\ 3x - 5y &= 30 \end{aligned}$$

$$\begin{aligned} 544) \quad 10x + 13y &= 182 \\ 3x - 13y &= -13 \end{aligned}$$

$$\begin{aligned} 545) \quad 31x + 3y &= -51 \\ 31x + 3y &= 9 \end{aligned}$$

$$\begin{aligned} 546) \quad 9x - 11y &= -176 \\ 5x + 11y &= 22 \end{aligned}$$

$$\begin{aligned} 547) \quad 8x - 13y &= -117 \\ 2x - y &= 9 \end{aligned}$$

$$\begin{aligned} 548) \quad 23x - 3y &= -33 \\ x + y &= -15 \end{aligned}$$

$$\begin{aligned} 549) \quad 23x - 19y &= -152 \\ 3x - 19y &= 228 \end{aligned}$$

$$\begin{aligned} 550) \quad 14x - 13y &= 39 \\ x + 13y &= 156 \end{aligned}$$

$$\begin{aligned} 551) \quad x + 19y &= -190 \\ 20x - 19y &= -209 \end{aligned}$$

$$\begin{aligned} 552) \quad 2x - 3y &= 51 \\ 9x - y &= -8 \end{aligned}$$

$$\begin{aligned} 553) \quad 21x - 19y &= -361 \\ 11x + 19y &= -247 \end{aligned}$$

$$\begin{aligned} 554) \quad 3x + y &= 9 \\ 2x - y &= 16 \end{aligned}$$

$$\begin{aligned} 555) \quad 2x - 5y &= 5 \\ 13x + 5y &= 70 \end{aligned}$$

$$\begin{aligned} 556) \quad 13x - 11y &= -187 \\ 3x + 11y &= 11 \end{aligned}$$

$$\begin{aligned} 557) \quad 3x - 4y &= -16 \\ 11x - 4y &= 16 \end{aligned}$$

$$\begin{aligned} 558) \quad 3x + 11y &= 88 \\ 5x - 11y &= -176 \end{aligned}$$

$$\begin{aligned} 559) \quad y &= -18 \\ 11x + 4y &= 60 \end{aligned}$$

$$\begin{aligned} 560) \quad 2x - y &= 7 \\ x + 2y &= -34 \end{aligned}$$

$$\begin{aligned} 561) \quad x + 4y &= 68 \\ 4x - 3y &= 6 \end{aligned}$$

$$\begin{aligned} 562) \quad 3x + 2y &= 12 \\ x - 4y &= 60 \end{aligned}$$

$$\begin{aligned} 563) \quad 5x + 4y &= -56 \\ 21x - 4y &= -48 \end{aligned}$$

$$\begin{aligned} 564) \quad y &= 17 \\ 20x + 11y &= -33 \end{aligned}$$

$$\begin{aligned} 565) \quad 17x - 4y &= -60 \\ 5x + 2y &= -24 \end{aligned}$$

$$\begin{aligned} 566) \quad 24x - 19y &= -361 \\ 11x + 19y &= -304 \end{aligned}$$

$$\begin{aligned} 567) \quad 6x - 19y &= 95 \\ 13x + 19y &= 266 \end{aligned}$$

$$\begin{aligned} 568) \quad 9x + 4y &= 52 \\ 9x + 4y &= -24 \end{aligned}$$

$$\begin{aligned} 569) \quad 2x - y &= -3 \\ x - 2y &= -18 \end{aligned}$$

$$\begin{aligned} 570) \quad 2x - 3y &= -48 \\ 25x + 12y &= -204 \end{aligned}$$

$$\begin{aligned} 571) \quad x + 6y &= 72 \\ 5x + 6y &= 24 \end{aligned}$$

$$\begin{aligned} 572) \quad 2x - 11y &= -165 \\ 15x - 11y &= -22 \end{aligned}$$

$$\begin{aligned} 573) \quad & 7x + 11y = -88 \\ & 7x + 11y = -22 \end{aligned}$$

$$\begin{aligned} 574) \quad & 11x - 2y = -20 \\ & x + 2y = -28 \end{aligned}$$

$$\begin{aligned} 575) \quad & x - 6y = 96 \\ & 25x - 12y = -84 \end{aligned}$$

$$\begin{aligned} 576) \quad & x = 11 \\ & 13x + 11y = 55 \end{aligned}$$

$$\begin{aligned} 577) \quad & 11x - 5y = -30 \\ & 13x + 5y = -90 \end{aligned}$$

$$\begin{aligned} 578) \quad & 13x - 19y = 285 \\ & 6x + 19y = 76 \end{aligned}$$

$$\begin{aligned} 579) \quad & 2x + y = -9 \\ & 6x - 5y = -35 \end{aligned}$$

$$\begin{aligned} 580) \quad & 4x + 19y = 171 \\ & 10x - 19y = 95 \end{aligned}$$

$$\begin{aligned} 581) \quad & 4x + 3y = 54 \\ & 17x - 3y = 9 \end{aligned}$$

$$\begin{aligned} 582) \quad & 5x - 9y = -9 \\ & x = 18 \end{aligned}$$

$$\begin{aligned} 583) \quad & 26x + 3y = 24 \\ & 26x + 3y = 9 \end{aligned}$$

$$\begin{aligned} 584) \quad & x - 3y = -21 \\ & 10x + 3y = 54 \end{aligned}$$

$$\begin{aligned} 585) \quad & 22x + 13y = -52 \\ & 2x + 13y = 208 \end{aligned}$$

$$\begin{aligned} 586) \quad & 3x + 11y = -99 \\ & 2x + y = 10 \end{aligned}$$

$$\begin{aligned} 587) \quad & 4x + 13y = -156 \\ & x - y = -5 \end{aligned}$$

$$\begin{aligned} 588) \quad & 17x - 5y = -75 \\ & 17x + 5y = -95 \end{aligned}$$

$$\begin{aligned} 589) \quad & x + 5y = -15 \\ & 3x + 2y = 20 \end{aligned}$$

$$\begin{aligned} 590) \quad & 6x - 13y = 117 \\ & 33x - 13y = -234 \end{aligned}$$

$$\begin{aligned} 591) \quad & 7x - 10y = 50 \\ & 3x + 5y = 40 \end{aligned}$$

$$\begin{aligned} 592) \quad & 24x + 5y = -95 \\ & 14x - 5y = -95 \end{aligned}$$

$$\begin{aligned} 593) \quad & 23x - 18y = 270 \\ & x + 3y = 42 \end{aligned}$$

$$\begin{aligned} 594) \quad & x - 18y = -252 \\ & x - 18y = 180 \end{aligned}$$

$$\begin{aligned} 595) \quad & x - 2y = -28 \\ & x + 6y = 60 \end{aligned}$$

$$\begin{aligned} 596) \quad & 25x - 2y = 14 \\ & 25x - 2y = -34 \end{aligned}$$

$$\begin{aligned} 597) \quad & x - 2y = 32 \\ & 7x + 2y = -16 \end{aligned}$$

$$\begin{aligned} 598) \quad & 11x - 7y = -77 \\ & 4x + 7y = -133 \end{aligned}$$

$$\begin{aligned} 599) \quad & x + 18y = -306 \\ & 29x + 18y = 198 \end{aligned}$$

$$\begin{aligned} 600) \quad & 3x + y = -2 \\ & 3x - y = 14 \end{aligned}$$

Graphing systems of linear equations - standard

Draw a graph of each equation to find both coordinates of the solution to each system.

1) $x + 4y = -4$
 $3x + 2y = 8$

(4, -2)

2) $x - y = -3$
 $8x - y = 4$

(1, 4)

3) $x - y = -4$
 $2x + y = -2$

(-2, 2)

4) $x - 2y = 6$
 $3x - 2y = 2$

(-2, -4)

5) $3x - y = -3$
 $x - 2y = 4$

(-2, -3)

6) $x + 3y = 3$
 $5x + 3y = -9$

(-3, 2)

7) $4x + 3y = -6$
 $x - 3y = -9$

(-3, 2)

8) $5x - y = -3$
 $x - y = 1$

(-1, -2)

9) $x + y = 2$
 $x - y = 4$

(3, -1)

10) $3x - y = 2$
 $x + y = 2$

(1, 1)

11) $x + 4y = 8$
 $5x + 4y = -8$

(-4, 3)

12) $x + 4y = 4$
 $x + y = -2$

(-4, 2)

13) $7x + 4y = -12$
 $x + 2y = 4$

(-4, 4)

14) $x - 2y = 2$
 $3x - 2y = -2$

(-2, -2)

15) $x + 4y = -12$
 $7x + 4y = 12$

(4, -4)

16) $x - y = -2$
 $x + 3y = -6$

(-3, -1)

17) $x - 3y = -3$
 $4x - 3y = 6$

(3, 2)

18) $7x + 3y = 12$
 $x - 3y = 12$

(3, -3)

19) $x + 3y = -6$
 $7x + 3y = 12$

(3, -3)

20) $6x + y = -3$
 $x - y = -4$

(-1, 3)

21) $x + 2y = -4$
 $7x + 2y = 8$

(2, -3)

22) $x - 2y = -6$
 $5x + 4y = -16$

(-4, 1)

23) $5x + 2y = 6$
 $x - 2y = 6$

(2, -2)

24) $x - 4y = -4$
 $5x - 4y = 12$

(4, 2)

25) $8x - 3y = -12$
 $2x - 3y = 6$

(-3, -4)

26) $2x + y = 1$
 $3x - y = 4$

(1, -1)

27) $2x + 3y = 12$
 $5x - 3y = 9$

(3, 2)

28) $7x - 3y = -12$
 $x - 3y = 6$

(-3, -3)

$$\begin{aligned} 29) \quad & 4x + y = -4 \\ & x + y = 2 \\ & (-2, 4) \end{aligned}$$

$$\begin{aligned} 31) \quad & y = -1 \\ & 3x - 4y = -8 \\ & (-4, -1) \end{aligned}$$

$$\begin{aligned} 33) \quad & 3x - 2y = -6 \\ & x - 2y = 2 \\ & (-4, -3) \end{aligned}$$

$$\begin{aligned} 35) \quad & x + y = -1 \\ & x - 2y = -4 \\ & (-2, 1) \end{aligned}$$

$$\begin{aligned} 37) \quad & 5x + 3y = 12 \\ & x - 3y = 6 \\ & (3, -1) \end{aligned}$$

$$\begin{aligned} 39) \quad & 8x + y = 4 \\ & x + y = -3 \\ & (1, -4) \end{aligned}$$

$$\begin{aligned} 41) \quad & x + y = -4 \\ & 2x - y = 1 \\ & (-1, -3) \end{aligned}$$

$$\begin{aligned} 43) \quad & 3x - 2y = 4 \\ & 3x + 2y = 8 \\ & (2, 1) \end{aligned}$$

$$\begin{aligned} 45) \quad & 2x + y = 3 \\ & 4x - y = 3 \\ & (1, 1) \end{aligned}$$

$$\begin{aligned} 47) \quad & 3x + 2y = -8 \\ & 3x - 2y = -4 \\ & (-2, -1) \end{aligned}$$

$$\begin{aligned} 49) \quad & 2x - y = 4 \\ & 2x + 3y = 12 \\ & (3, 2) \end{aligned}$$

$$\begin{aligned} 51) \quad & x + 3y = -9 \\ & 2x + y = 2 \\ & (3, -4) \end{aligned}$$

$$\begin{aligned} 53) \quad & x + y = 2 \\ & 6x + y = -3 \\ & (-1, 3) \end{aligned}$$

$$\begin{aligned} 55) \quad & 5x + y = 3 \\ & x - y = 3 \\ & (1, -2) \end{aligned}$$

$$\begin{aligned} 57) \quad & x - 2y = 2 \\ & x + 4y = 8 \\ & (4, 1) \end{aligned}$$

$$\begin{aligned} 59) \quad & 7x + y = -3 \\ & x + y = 3 \\ & (-1, 4) \end{aligned}$$

$$\begin{aligned} 30) \quad & x + 2y = 8 \\ & 2x - y = 1 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 32) \quad & x = 2 \\ & x - y = -2 \\ & (2, 4) \end{aligned}$$

$$\begin{aligned} 34) \quad & 3x + 2y = 8 \\ & x - 2y = 8 \\ & (4, -2) \end{aligned}$$

$$\begin{aligned} 36) \quad & x + y = -2 \\ & x - 3y = -6 \\ & (-3, 1) \end{aligned}$$

$$\begin{aligned} 38) \quad & 2x + y = -4 \\ & x + 3y = 3 \\ & (-3, 2) \end{aligned}$$

$$\begin{aligned} 40) \quad & x + 4y = 8 \\ & 7x + 4y = -16 \\ & (-4, 3) \end{aligned}$$

$$\begin{aligned} 42) \quad & 2x - y = -3 \\ & x + 3y = -12 \\ & (-3, -3) \end{aligned}$$

$$\begin{aligned} 44) \quad & x - 2y = -8 \\ & 5x + 4y = -12 \\ & (-4, 2) \end{aligned}$$

$$\begin{aligned} 46) \quad & x + y = -4 \\ & x = -2 \\ & (-2, -2) \end{aligned}$$

$$\begin{aligned} 48) \quad & 7x + 3y = 9 \\ & 2x + 3y = -6 \\ & (3, -4) \end{aligned}$$

$$\begin{aligned} 50) \quad & x - 4y = -12 \\ & 3x - 2y = 4 \\ & (4, 4) \end{aligned}$$

$$\begin{aligned} 52) \quad & x + 2y = -4 \\ & 5x + 2y = 4 \\ & (2, -3) \end{aligned}$$

$$\begin{aligned} 54) \quad & x + 2y = -4 \\ & x - 2y = 8 \\ & (2, -3) \end{aligned}$$

$$\begin{aligned} 56) \quad & x + y = -3 \\ & x = -4 \\ & (-4, 1) \end{aligned}$$

$$\begin{aligned} 58) \quad & 2x - y = 3 \\ & 4x + y = 3 \\ & (1, -1) \end{aligned}$$

$$\begin{aligned} 60) \quad & 5x - 4y = 12 \\ & x - 4y = -4 \\ & (4, 2) \end{aligned}$$

$$\begin{aligned} 61) \quad & 2x - 3y = 6 \\ & 8x - 3y = -12 \\ & (-3, -4) \end{aligned}$$

$$\begin{aligned} 63) \quad & 4x - 3y = 3 \\ & x - 3y = -6 \\ & (3, 3) \end{aligned}$$

$$\begin{aligned} 65) \quad & x - 2y = 6 \\ & 3x - y = -2 \\ & (-2, -4) \end{aligned}$$

$$\begin{aligned} 67) \quad & 3x - 2y = -8 \\ & 2x + y = -3 \\ & (-2, 1) \end{aligned}$$

$$\begin{aligned} 69) \quad & x - 2y = 6 \\ & 3x + 4y = 8 \\ & (4, -1) \end{aligned}$$

$$\begin{aligned} 71) \quad & 2x - y = -2 \\ & x - 3y = 9 \\ & (-3, -4) \end{aligned}$$

$$\begin{aligned} 73) \quad & x + 2y = 2 \\ & x - 4y = -16 \\ & (-4, 3) \end{aligned}$$

$$\begin{aligned} 75) \quad & x + 2y = -2 \\ & 3x + 2y = 6 \\ & (4, -3) \end{aligned}$$

$$\begin{aligned} 77) \quad & 2x - y = 4 \\ & x - 4y = -12 \\ & (4, 4) \end{aligned}$$

$$\begin{aligned} 79) \quad & 3x - y = 2 \\ & 3x + y = 4 \\ & (1, 1) \end{aligned}$$

$$\begin{aligned} 81) \quad & x + 2y = -4 \\ & 5x - 2y = -8 \\ & (-2, -1) \end{aligned}$$

$$\begin{aligned} 83) \quad & 7x + 3y = 9 \\ & x + 3y = -9 \\ & (3, -4) \end{aligned}$$

$$\begin{aligned} 85) \quad & x - 2y = 8 \\ & x + 2y = -4 \\ & (2, -3) \end{aligned}$$

$$\begin{aligned} 87) \quad & 7x + 2y = 8 \\ & x + 2y = -4 \\ & (2, -3) \end{aligned}$$

$$\begin{aligned} 89) \quad & 2x - y = 4 \\ & x - 2y = -4 \\ & (4, 4) \end{aligned}$$

$$\begin{aligned} 91) \quad & 5x + y = 4 \\ & x - y = 2 \\ & (1, -1) \end{aligned}$$

$$\begin{aligned} 62) \quad & 2x + y = -3 \\ & 5x - y = -4 \\ & (-1, -1) \end{aligned}$$

$$\begin{aligned} 64) \quad & y = -3 \\ & 3x - 2y = -6 \\ & (-4, -3) \end{aligned}$$

$$\begin{aligned} 66) \quad & 3x + y = -4 \\ & 3x - y = -2 \\ & (-1, -1) \end{aligned}$$

$$\begin{aligned} 68) \quad & 5x - y = 1 \\ & x - y = -3 \\ & (1, 4) \end{aligned}$$

$$\begin{aligned} 70) \quad & x - 2y = -6 \\ & 5x - 2y = 2 \\ & (2, 4) \end{aligned}$$

$$\begin{aligned} 72) \quad & x + 2y = 2 \\ & 3x + 2y = -6 \\ & (-4, 3) \end{aligned}$$

$$\begin{aligned} 74) \quad & x + 3y = 3 \\ & x - 3y = -9 \\ & (-3, 2) \end{aligned}$$

$$\begin{aligned} 76) \quad & x - 4y = -12 \\ & 5x + 4y = -12 \\ & (-4, 2) \end{aligned}$$

$$\begin{aligned} 78) \quad & x - y = 1 \\ & 4x - y = -2 \\ & (-1, -2) \end{aligned}$$

$$\begin{aligned} 80) \quad & 4x - y = 2 \\ & x - y = -1 \\ & (1, 2) \end{aligned}$$

$$\begin{aligned} 82) \quad & 2x - 3y = -3 \\ & 2x + 3y = -9 \\ & (-3, -1) \end{aligned}$$

$$\begin{aligned} 84) \quad & 3x - y = 3 \\ & x + 2y = 8 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 86) \quad & 2x - y = 4 \\ & 4x + y = 2 \\ & (1, -2) \end{aligned}$$

$$\begin{aligned} 88) \quad & 3x + 4y = -8 \\ & 3x - 4y = -16 \\ & (-4, 1) \end{aligned}$$

$$\begin{aligned} 90) \quad & x + y = 3 \\ & 6x + y = -2 \\ & (-1, 4) \end{aligned}$$

$$\begin{aligned} 92) \quad & 2x - y = 4 \\ & x + 3y = 9 \\ & (3, 2) \end{aligned}$$

$$\begin{aligned} 93) \quad & 3x + y = -4 \\ & 2x - y = -1 \\ & (-1, -1) \end{aligned}$$

$$\begin{aligned} 95) \quad & 2x - y = -3 \\ & x - 3y = 6 \\ & (-3, -3) \end{aligned}$$

$$\begin{aligned} 97) \quad & 2x - y = -1 \\ & x + y = 4 \\ & (1, 3) \end{aligned}$$

$$\begin{aligned} 99) \quad & x - 2y = -4 \\ & x + y = -1 \\ & (-2, 1) \end{aligned}$$

$$\begin{aligned} 101) \quad & x + 5y = 25 \\ & 11x - 5y = 35 \\ & (5, 4) \end{aligned}$$

$$\begin{aligned} 103) \quad & 13x - 5y = -40 \\ & 2x + 5y = -35 \\ & (-5, -5) \end{aligned}$$

$$\begin{aligned} 105) \quad & 12x + y = 3 \\ & x + y = -8 \\ & (1, -9) \end{aligned}$$

$$\begin{aligned} 107) \quad & 7x - 3y = 18 \\ & 2x - 3y = -12 \\ & (6, 8) \end{aligned}$$

$$\begin{aligned} 109) \quad & 2x + 5y = -35 \\ & 2x - y = -5 \\ & (-5, -5) \end{aligned}$$

$$\begin{aligned} 111) \quad & 3x - 2y = -10 \\ & 5x + 4y = -24 \\ & (-4, -1) \end{aligned}$$

$$\begin{aligned} 113) \quad & 3x + 4y = 32 \\ & 7x - 4y = 8 \\ & (4, 5) \end{aligned}$$

$$\begin{aligned} 115) \quad & x + y = -1 \\ & x + 6y = -36 \\ & (6, -7) \end{aligned}$$

$$\begin{aligned} 117) \quad & x - 3y = 6 \\ & 2x - y = -8 \\ & (-6, -4) \end{aligned}$$

$$\begin{aligned} 119) \quad & 11x - y = -4 \\ & y = -7 \\ & (-1, -7) \end{aligned}$$

$$\begin{aligned} 121) \quad & 5x + 9y = 63 \\ & 8x - 9y = 54 \\ & (9, 2) \end{aligned}$$

$$\begin{aligned} 123) \quad & 7x - 3y = 3 \\ & 2x + 3y = 24 \\ & (3, 6) \end{aligned}$$

$$\begin{aligned} 94) \quad & x - 2y = -4 \\ & x + 2y = 8 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 96) \quad & x - y = -1 \\ & 3x + 2y = -8 \\ & (-2, -1) \end{aligned}$$

$$\begin{aligned} 98) \quad & x + 2y = -8 \\ & x - 4y = 4 \\ & (-4, -2) \end{aligned}$$

$$\begin{aligned} 100) \quad & x - y = -3 \\ & 6x - y = 2 \\ & (1, 4) \end{aligned}$$

$$\begin{aligned} 102) \quad & 2x - 7y = -35 \\ & 9x - 7y = 14 \\ & (7, 7) \end{aligned}$$

$$\begin{aligned} 104) \quad & 2x + 3y = -12 \\ & 4x - 3y = -6 \\ & (-3, -2) \end{aligned}$$

$$\begin{aligned} 106) \quad & 4x - 9y = -45 \\ & x + y = -8 \\ & (-9, 1) \end{aligned}$$

$$\begin{aligned} 108) \quad & 3x + 5y = 35 \\ & 3x - 5y = -5 \\ & (5, 4) \end{aligned}$$

$$\begin{aligned} 110) \quad & 7x - 2y = 2 \\ & x - 2y = 14 \\ & (-2, -8) \end{aligned}$$

$$\begin{aligned} 112) \quad & 4x - 5y = -20 \\ & 14x - 5y = 30 \\ & (5, 8) \end{aligned}$$

$$\begin{aligned} 114) \quad & 4x - 9y = -54 \\ & 10x + 9y = -72 \\ & (-9, 2) \end{aligned}$$

$$\begin{aligned} 116) \quad & 5x - 4y = -16 \\ & 5x + 4y = -24 \\ & (-4, -1) \end{aligned}$$

$$\begin{aligned} 118) \quad & 7x - 4y = 4 \\ & x + 2y = 16 \\ & (4, 6) \end{aligned}$$

$$\begin{aligned} 120) \quad & 4x - 5y = -25 \\ & 17x - 5y = 40 \\ & (5, 9) \end{aligned}$$

$$\begin{aligned} 122) \quad & x - 2y = 2 \\ & 2x - y = -8 \\ & (-6, -4) \end{aligned}$$

$$\begin{aligned} 124) \quad & x - y = 3 \\ & 2x + y = -9 \\ & (-2, -5) \end{aligned}$$

$$125) 13x - 4y = 16$$

$$y = 9$$

$$(4, 9)$$

$$127) 11x + 6y = 36$$

$$x - 6y = 36$$

$$(6, -5)$$

$$129) 3x + 8y = 56$$

$$3x - 8y = -8$$

$$(8, 4)$$

$$131) 8x - 7y = -35$$

$$3x + 7y = -42$$

$$(-7, -3)$$

$$133) x + y = -9$$

$$x - 7y = 7$$

$$(-7, -2)$$

$$135) 13x - 7y = 63$$

$$x - 7y = -21$$

$$(7, 4)$$

$$137) 6x - y = 5$$

$$x + 2y = 16$$

$$(2, 7)$$

$$139) x + 8y = -24$$

$$3x - 4y = -16$$

$$(-8, -2)$$

$$141) x - y = -7$$

$$11x - y = 3$$

$$(1, 8)$$

$$143) 3x - 4y = 20$$

$$13x - 4y = -20$$

$$(-4, -8)$$

$$145) 4x + 3y = -24$$

$$x = -3$$

$$(-3, -4)$$

$$147) x + 3y = -12$$

$$4x - 9y = -27$$

$$(-9, -1)$$

$$149) x - 5y = 30$$

$$13x - 5y = -30$$

$$(-5, -7)$$

$$151) 5x - y = -4$$

$$x - y = -8$$

$$(1, 9)$$

$$153) x = -9$$

$$2x - 9y = -9$$

$$(-9, -1)$$

$$155) 2x - y = -3$$

$$2x - 5y = 25$$

$$(-5, -7)$$

$$126) 5x - 9y = 18$$

$$x + 3y = 18$$

$$(9, 3)$$

$$128) 3x + y = -9$$

$$x - y = 5$$

$$(-1, -6)$$

$$130) x - y = -5$$

$$8x - y = 9$$

$$(2, 7)$$

$$132) 9x - 2y = -6$$

$$x - 2y = 10$$

$$(-2, -6)$$

$$134) x - 2y = 4$$

$$x + 6y = 12$$

$$(6, 1)$$

$$136) x - 3y = 24$$

$$17x - 3y = -24$$

$$(-3, -9)$$

$$138) 3x + 2y = -16$$

$$2x - y = 1$$

$$(-2, -5)$$

$$140) 3x + 7y = 56$$

$$4x - 7y = -7$$

$$(7, 5)$$

$$142) 7x + 5y = 40$$

$$6x - 5y = 25$$

$$(5, 1)$$

$$144) 17x - 4y = -36$$

$$x + 4y = -36$$

$$(-4, -8)$$

$$146) 8x - 5y = 30$$

$$3x + 5y = 25$$

$$(5, 2)$$

$$148) x + 3y = 21$$

$$x - 2y = -4$$

$$(6, 5)$$

$$150) 4x + 3y = -24$$

$$x - y = 1$$

$$(-3, -4)$$

$$152) 3x + 2y = 18$$

$$3x - y = 9$$

$$(4, 3)$$

$$154) 4x - 3y = 6$$

$$x - 6y = -30$$

$$(6, 6)$$

$$156) x - 2y = -14$$

$$13x - 4y = 16$$

$$(4, 9)$$

$$\begin{aligned} 157) \quad & 3x + 2y = -18 \\ & 5x - 2y = -14 \\ & (-4, -3) \end{aligned}$$

$$\begin{aligned} 159) \quad & 5x - 2y = 14 \\ & 3x + 4y = 24 \\ & (4, 3) \end{aligned}$$

$$\begin{aligned} 161) \quad & 3x + 8y = 48 \\ & 13x + 8y = -32 \\ & (-8, 9) \end{aligned}$$

$$\begin{aligned} 163) \quad & x = 9 \\ & 7x + 9y = 72 \\ & (9, 1) \end{aligned}$$

$$\begin{aligned} 165) \quad & 8x - 3y = 12 \\ & 4x + 3y = 24 \\ & (3, 4) \end{aligned}$$

$$\begin{aligned} 167) \quad & 3x + 7y = -56 \\ & x - y = -2 \\ & (-7, -5) \end{aligned}$$

$$\begin{aligned} 169) \quad & 3x + 4y = 28 \\ & 5x - 8y = 32 \\ & (8, 1) \end{aligned}$$

$$\begin{aligned} 171) \quad & x + 4y = 36 \\ & 5x - 4y = -12 \\ & (4, 8) \end{aligned}$$

$$\begin{aligned} 173) \quad & x - y = 8 \\ & 17x - y = -8 \\ & (-1, -9) \end{aligned}$$

$$\begin{aligned} 175) \quad & x + 2y = 12 \\ & 5x - 8y = 24 \\ & (8, 2) \end{aligned}$$

$$\begin{aligned} 177) \quad & y = 8 \\ & 17x - 3y = 27 \\ & (3, 8) \end{aligned}$$

$$\begin{aligned} 179) \quad & 3x - 2y = -14 \\ & x + 6y = -18 \\ & (-6, -2) \end{aligned}$$

$$\begin{aligned} 181) \quad & y = 6 \\ & 4x - y = 2 \\ & (2, 6) \end{aligned}$$

$$\begin{aligned} 183) \quad & 3x + 7y = 35 \\ & 4x - 7y = 14 \\ & (7, 2) \end{aligned}$$

$$\begin{aligned} 185) \quad & 2x + 7y = 35 \\ & 11x - 7y = 56 \\ & (7, 3) \end{aligned}$$

$$\begin{aligned} 187) \quad & x - 3y = 18 \\ & 4x - 3y = 9 \\ & (-3, -7) \end{aligned}$$

$$\begin{aligned} 158) \quad & y = 7 \\ & 16x - 5y = 45 \\ & (5, 7) \end{aligned}$$

$$\begin{aligned} 160) \quad & x + 8y = -64 \\ & 5x + 4y = 4 \\ & (8, -9) \end{aligned}$$

$$\begin{aligned} 162) \quad & x + 6y = -42 \\ & 7x - 6y = -6 \\ & (-6, -6) \end{aligned}$$

$$\begin{aligned} 164) \quad & 2x + 5y = -25 \\ & x - y = -2 \\ & (-5, -3) \end{aligned}$$

$$\begin{aligned} 166) \quad & 2x + 5y = 45 \\ & 12x - 5y = 25 \\ & (5, 7) \end{aligned}$$

$$\begin{aligned} 168) \quad & 7x + 5y = -45 \\ & 8x - 5y = -30 \\ & (-5, -2) \end{aligned}$$

$$\begin{aligned} 170) \quad & 4x - y = 8 \\ & 5x + 3y = 27 \\ & (3, 4) \end{aligned}$$

$$\begin{aligned} 172) \quad & 3x + 7y = -56 \\ & 2x - y = -9 \\ & (-7, -5) \end{aligned}$$

$$\begin{aligned} 174) \quad & 7x - 2y = 2 \\ & y = -8 \\ & (-2, -8) \end{aligned}$$

$$\begin{aligned} 176) \quad & 13x - 2y = 16 \\ & 2x + y = 9 \\ & (2, 5) \end{aligned}$$

$$\begin{aligned} 178) \quad & 7x - 8y = -24 \\ & x - 8y = 24 \\ & (-8, -4) \end{aligned}$$

$$\begin{aligned} 180) \quad & 3x - 2y = -16 \\ & 4x + 3y = -27 \\ & (-6, -1) \end{aligned}$$

$$\begin{aligned} 182) \quad & x - 2y = 12 \\ & 4x - y = -1 \\ & (-2, -7) \end{aligned}$$

$$\begin{aligned} 184) \quad & x - 3y = -24 \\ & 6x - y = 9 \\ & (3, 9) \end{aligned}$$

$$\begin{aligned} 186) \quad & 4x - y = -2 \\ & x - y = -5 \\ & (1, 6) \end{aligned}$$

$$\begin{aligned} 188) \quad & x - y = -7 \\ & 5x - y = 1 \\ & (2, 9) \end{aligned}$$

189) $5x + 8y = -72$

$5x - 4y = -24$

$(-8, -4)$

191) $2x - 3y = 15$

$3x - y = -2$

$(-3, -7)$

193) $6x - 5y = 5$

$x + 5y = 30$

$(5, 5)$

195) $5x - 2y = -8$

$3x + 4y = -36$

$(-4, -6)$

197) $4x - 9y = -18$

$4x + 9y = -54$

$(-9, -2)$

199) $x - 2y = 2$

$5x + 4y = 24$

$(4, 1)$

201) $17x - 2y = 10$

$y = 12$

$(2, 12)$

203) $7x - 9y = -9$

$x + 6y = 108$

$(18, 15)$

205) $19x + 2y = 10$

$2x - y = 18$

$(2, -14)$

207) $6x + 7y = -112$

$11x - 7y = -126$

$(-14, -4)$

209) $x = 9$

$2x + 3y = 15$

$(9, -1)$

211) $4x - 3y = 21$

$7x + 9y = 108$

$(9, 5)$

213) $x - 3y = -33$

$23x + 6y = -84$

$(-6, 9)$

215) $x + y = 9$

$x + 6y = 84$

$(-6, 15)$

217) $x - y = 18$

$29x + y = 12$

$(1, -17)$

219) $8x - 7y = -56$

$4x + 7y = -112$

$(-14, -8)$

190) $11x - 3y = -15$

$2x + 3y = -24$

$(-3, -6)$

192) $11x - 9y = -72$

$2x - 9y = 9$

$(-9, -3)$

194) $x - 3y = -6$

$7x - 6y = 18$

$(6, 4)$

196) $x - 5y = 40$

$3x - y = -6$

$(-5, -9)$

198) $5x - y = 3$

$x - 2y = -12$

$(2, 7)$

200) $2x + 5y = 30$

$x - 5y = -15$

$(5, 4)$

202) $11x + 18y = 342$

$5x - 6y = 42$

$(18, 8)$

204) $11x - 7y = -28$

$x - 2y = 22$

$(-14, -18)$

206) $2x + y = 12$

$x - 10y = 90$

$(10, -8)$

208) $2x + 7y = -105$

$15x - 14y = -56$

$(-14, -11)$

210) $21x - 2y = 6$

$x + 2y = 38$

$(2, 18)$

212) $3x - 2y = -22$

$4x + 3y = -18$

$(-6, 2)$

214) $2x - 17y = -170$

$25x - 17y = 221$

$(17, 12)$

216) $27x - 17y = 153$

$8x - 17y = -170$

$(17, 18)$

218) $x + y = -10$

$7x + y = -4$

$(1, -11)$

220) $32x + 17y = 306$

$x - 17y = 255$

$(17, -14)$

$$221) \begin{cases} x + 5y = -20 \\ 17x - 15y = -240 \end{cases}$$

$$(-15, -1)$$

$$223) \begin{cases} 16x - 9y = 63 \\ y = 9 \end{cases}$$

$$(9, 9)$$

$$225) \begin{cases} x - y = 5 \\ 21x + y = 17 \end{cases}$$

$$(1, -4)$$

$$227) \begin{cases} x = 16 \\ x - 16y = 288 \end{cases}$$

$$(16, -17)$$

$$229) \begin{cases} 3x + 7y = 112 \\ 25x + 7y = -42 \end{cases}$$

$$(-7, 19)$$

$$231) \begin{cases} 9x + 4y = -64 \\ 3x + 4y = -40 \end{cases}$$

$$(-4, -7)$$

$$233) \begin{cases} 2x + 7y = -112 \\ 4x - 7y = 70 \end{cases}$$

$$(-7, -14)$$

$$235) \begin{cases} 3x + 4y = -28 \\ 9x - 8y = -64 \end{cases}$$

$$(-8, -1)$$

$$237) \begin{cases} x - 8y = -88 \\ x + y = -7 \end{cases}$$

$$(-16, 9)$$

$$239) \begin{cases} x - 4y = 60 \\ 3x - 2y = 10 \end{cases}$$

$$(-8, -17)$$

$$241) \begin{cases} x + 8y = -88 \\ 7x - 8y = 24 \end{cases}$$

$$(-8, -10)$$

$$243) \begin{cases} y = -7 \\ 16x + 15y = 135 \end{cases}$$

$$(15, -7)$$

$$245) \begin{cases} 14x - 15y = 225 \\ x - 5y = 20 \end{cases}$$

$$(15, -1)$$

$$247) \begin{cases} 4x + y = 19 \\ 3x - y = 9 \end{cases}$$

$$(4, 3)$$

$$249) \begin{cases} 3x + 16y = 256 \\ 23x + 16y = -64 \end{cases}$$

$$(-16, 19)$$

$$251) \begin{cases} 18x + y = -2 \\ 2x - y = -18 \end{cases}$$

$$(-1, 16)$$

$$222) \begin{cases} 5x + 3y = 51 \\ 16x - 9y = 126 \end{cases}$$

$$(9, 2)$$

$$224) \begin{cases} 3x + 5y = -15 \\ 7x - 15y = -195 \end{cases}$$

$$(-15, 6)$$

$$226) \begin{cases} 22x + 7y = -70 \\ 3x + 7y = 63 \end{cases}$$

$$(-7, 12)$$

$$228) \begin{cases} 17x - 8y = 16 \\ x - 8y = -112 \end{cases}$$

$$(8, 15)$$

$$230) \begin{cases} 3x - 16y = 224 \\ x + 2y = -6 \end{cases}$$

$$(16, -11)$$

$$232) \begin{cases} 3x - 4y = 64 \\ 15x + 16y = 176 \end{cases}$$

$$(16, -4)$$

$$234) \begin{cases} 11x - 15y = -195 \\ x + y = -13 \end{cases}$$

$$(-15, 2)$$

$$236) \begin{cases} x + 11y = 55 \\ 15x + 11y = -99 \end{cases}$$

$$(-11, 6)$$

$$238) \begin{cases} 3x - y = 12 \\ 3x - 8y = -72 \end{cases}$$

$$(8, 12)$$

$$240) \begin{cases} x - 8y = -136 \\ 19x + 16y = -64 \end{cases}$$

$$(-16, 15)$$

$$242) \begin{cases} 12x + 7y = -14 \\ 4x - 7y = 126 \end{cases}$$

$$(7, -14)$$

$$244) \begin{cases} 5x + 4y = -56 \\ 3x + 8y = -56 \end{cases}$$

$$(-8, -4)$$

$$246) \begin{cases} x - y = -10 \\ 4x - y = -13 \end{cases}$$

$$(-1, 9)$$

$$248) \begin{cases} 31x - 8y = 96 \\ 3x - 4y = -52 \end{cases}$$

$$(8, 19)$$

$$250) \begin{cases} x - y = 9 \\ 2x - 15y = -60 \end{cases}$$

$$(15, 6)$$

$$252) \begin{cases} 11x + 8y = -80 \\ x - 16y = -208 \end{cases}$$

$$(-16, 12)$$

- 253) $2x - 7y = 84$
 $2x + y = 4$
(7, -10)
- 255) $31x + 7y = 98$
 $6x + 7y = -77$
(7, -17)
- 257) $x + 5y = -5$
 $x - y = 19$
(15, -4)
- 259) $22x + y = -16$
 $x - y = -7$
(-1, 6)
- 261) $3x - 7y = -21$
 $11x - 7y = 91$
(14, 9)
- 263) $x - 17y = -289$
 $15x + 17y = 17$
(-17, 16)
- 265) $x + y = 17$
 $37x + 2y = -36$
(-2, 19)
- 267) $8x + 17y = -306$
 $18x - 17y = -136$
(-17, -10)
- 269) $11x - 5y = -90$
 $x - 10y = 30$
(-10, -4)
- 271) $15x + 11y = -99$
 $4x + 11y = 22$
(-11, 6)
- 273) $3x + 13y = 208$
 $12x - 13y = -13$
(13, 13)
- 275) $x - 10y = -40$
 $19x + 10y = -160$
(-10, 3)
- 277) $8x - 13y = -143$
 $36x - 13y = 221$
(13, 19)
- 279) $17x + 5y = 70$
 $x + 5y = -10$
(5, -3)
- 281) $2x + 3y = -42$
 $10x + 3y = 6$
(6, -18)
- 283) $x + 5y = 20$
 $2x + y = 13$
(5, 3)
- 254) $20x - 17y = -102$
 $2x + 17y = -272$
(-17, -14)
- 256) $x + 18y = -144$
 $13x + 18y = 72$
(18, -9)
- 258) $x + 9y = -72$
 $11x + 9y = -162$
(-9, -7)
- 260) $19x - 14y = 224$
 $8x + 7y = 133$
(14, 3)
- 262) $8x - 17y = 153$
 $32x - 17y = -255$
(-17, -17)
- 264) $15x + y = -2$
 $y = 13$
(-1, 13)
- 266) $25x + 6y = 108$
 $x + y = -1$
(6, -7)
- 268) $x + 2y = -20$
 $29x + 6y = 96$
(6, -13)
- 270) $9x - 7y = 84$
 $x + 14y = 98$
(14, 6)
- 272) $4x - 5y = -90$
 $8x + 5y = -30$
(-10, 10)
- 274) $3x + 2y = 26$
 $x + 2y = 30$
(-2, 16)
- 276) $3x - 2y = 26$
 $16x - y = -16$
(-2, -16)
- 278) $x - 6y = 24$
 $17x - 18y = -180$
(-18, -7)
- 280) $5x + 18y = -324$
 $11x - 18y = 36$
(-18, -13)
- 282) $25x - 2y = -30$
 $2x + y = -14$
(-2, -10)
- 284) $8x + 5y = -50$
 $3x - 10y = -90$
(-10, 6)

$$\begin{aligned} 285) \quad & 8x + 11y = 55 \\ & 27x + 11y = -154 \\ & (-11, 13) \end{aligned}$$

$$\begin{aligned} 287) \quad & 30x - 11y = -121 \\ & x - 11y = 198 \\ & (-11, -19) \end{aligned}$$

$$\begin{aligned} 289) \quad & 2x + 3y = -24 \\ & 17x - 3y = -33 \\ & (-3, -6) \end{aligned}$$

$$\begin{aligned} 291) \quad & x + 3y = -18 \\ & 2x + y = 14 \\ & (12, -10) \end{aligned}$$

$$\begin{aligned} 293) \quad & x = 15 \\ & 16x - 15y = 285 \\ & (15, -3) \end{aligned}$$

$$\begin{aligned} 295) \quad & 3x - 19y = -114 \\ & 8x + 19y = -95 \\ & (-19, 3) \end{aligned}$$

$$\begin{aligned} 297) \quad & 3x - 19y = -247 \\ & 20x + 19y = -190 \\ & (-19, 10) \end{aligned}$$

$$\begin{aligned} 299) \quad & 2x + 11y = 154 \\ & 20x + 11y = -44 \\ & (-11, 16) \end{aligned}$$

$$\begin{aligned} 301) \quad & x - y = 4 \\ & x + y = 2 \\ & (3, -1) \end{aligned}$$

$$\begin{aligned} 303) \quad & x + 2y = 8 \\ & 3x - y = 3 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 305) \quad & x - 4y = -16 \\ & 3x + 2y = -6 \\ & (-4, 3) \end{aligned}$$

$$\begin{aligned} 307) \quad & 3x + 2y = 8 \\ & 2x - y = 3 \\ & (2, 1) \end{aligned}$$

$$\begin{aligned} 309) \quad & 3x - y = 2 \\ & 3x - y = -2 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 311) \quad & x - 2y = -4 \\ & 2x - y = 4 \\ & (4, 4) \end{aligned}$$

$$\begin{aligned} 313) \quad & 5x - 2y = -8 \\ & x + 2y = -4 \\ & (-2, -1) \end{aligned}$$

$$\begin{aligned} 315) \quad & x + y = 2 \\ & 6x + y = -3 \\ & (-1, 3) \end{aligned}$$

$$\begin{aligned} 286) \quad & x + 5y = 55 \\ & 3x - 5y = -35 \\ & (5, 10) \end{aligned}$$

$$\begin{aligned} 288) \quad & x - 13y = 221 \\ & 25x + 13y = 117 \\ & (13, -16) \end{aligned}$$

$$\begin{aligned} 290) \quad & x + y = -16 \\ & 7x - 3y = 18 \\ & (-3, -13) \end{aligned}$$

$$\begin{aligned} 292) \quad & 30x - 13y = 182 \\ & 3x + 13y = 247 \\ & (13, 16) \end{aligned}$$

$$\begin{aligned} 294) \quad & 3x + y = 19 \\ & 7x - 2y = 14 \\ & (4, 7) \end{aligned}$$

$$\begin{aligned} 296) \quad & 3x + 4y = 64 \\ & 31x - 4y = 72 \\ & (4, 13) \end{aligned}$$

$$\begin{aligned} 298) \quad & 13x + 2y = 14 \\ & x + 2y = -34 \\ & (4, -19) \end{aligned}$$

$$\begin{aligned} 300) \quad & 4x + 19y = -133 \\ & 14x - 19y = -209 \\ & (-19, -3) \end{aligned}$$

$$\begin{aligned} 302) \quad & 5x + 3y = -9 \\ & 2x - 3y = -12 \\ & (-3, 2) \end{aligned}$$

$$\begin{aligned} 304) \quad & 5x + 3y = 3 \\ & x + 3y = -9 \\ & (3, -4) \end{aligned}$$

$$\begin{aligned} 306) \quad & 2x - y = 1 \\ & x + y = -4 \\ & (-1, -3) \end{aligned}$$

$$\begin{aligned} 308) \quad & x + y = -3 \\ & x + y = -1 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 310) \quad & 5x + 4y = 4 \\ & x + 4y = -12 \\ & (4, -4) \end{aligned}$$

$$\begin{aligned} 312) \quad & x + 2y = 2 \\ & 2x + y = -2 \\ & (-2, 2) \end{aligned}$$

$$\begin{aligned} 314) \quad & 7x + 3y = 9 \\ & 2x + 3y = -6 \\ & (3, -4) \end{aligned}$$

$$\begin{aligned} 316) \quad & x + y = -4 \\ & 4x - y = -1 \\ & (-1, -3) \end{aligned}$$

$$\begin{aligned} 317) \quad & x - 2y = 8 \\ & 7x + 2y = 8 \\ & (2, -3) \end{aligned}$$

$$\begin{aligned} 319) \quad & x - y = 3 \\ & 6x - y = -2 \\ & (-1, -4) \end{aligned}$$

$$\begin{aligned} 321) \quad & x - y = 2 \\ & x = -2 \\ & (-2, -4) \end{aligned}$$

$$\begin{aligned} 323) \quad & 2x + 3y = 12 \\ & 5x - 3y = 9 \\ & (3, 2) \end{aligned}$$

$$\begin{aligned} 325) \quad & 6x + y = -2 \\ & x + y = 3 \\ & (-1, 4) \end{aligned}$$

$$\begin{aligned} 327) \quad & x - y = -3 \\ & x + 2y = -6 \\ & (-4, -1) \end{aligned}$$

$$\begin{aligned} 329) \quad & 7x - y = 3 \\ & x - y = -3 \\ & (1, 4) \end{aligned}$$

$$\begin{aligned} 331) \quad & 3x + 2y = -4 \\ & x - y = -3 \\ & (-2, 1) \end{aligned}$$

$$\begin{aligned} 333) \quad & x - 4y = 8 \\ & x + y = 3 \\ & (4, -1) \end{aligned}$$

$$\begin{aligned} 335) \quad & x - 2y = -4 \\ & x + 2y = 8 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 337) \quad & 5x + 3y = -9 \\ & x - 3y = -9 \\ & (-3, 2) \end{aligned}$$

$$\begin{aligned} 339) \quad & 2x + y = 2 \\ & x + 3y = -9 \\ & (3, -4) \end{aligned}$$

$$\begin{aligned} 341) \quad & x - 2y = 2 \\ & x - 2y = -8 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 343) \quad & 5x + 4y = -4 \\ & x + 4y = 12 \\ & (-4, 4) \end{aligned}$$

$$\begin{aligned} 345) \quad & x - y = -2 \\ & x + 3y = -6 \\ & (-3, -1) \end{aligned}$$

$$\begin{aligned} 347) \quad & x - 2y = -4 \\ & 7x - 4y = 12 \\ & (4, 4) \end{aligned}$$

$$\begin{aligned} 318) \quad & x + y = -1 \\ & x + y = -4 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 320) \quad & x - 2y = 2 \\ & x - 2y = 4 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 322) \quad & 5x - 2y = -8 \\ & 3x + 2y = -8 \\ & (-2, -1) \end{aligned}$$

$$\begin{aligned} 324) \quad & 8x - 3y = -12 \\ & x - 3y = 9 \\ & (-3, -4) \end{aligned}$$

$$\begin{aligned} 326) \quad & 6x - y = -2 \\ & x - y = 3 \\ & (-1, -4) \end{aligned}$$

$$\begin{aligned} 328) \quad & x + 4y = -16 \\ & x - 2y = 2 \\ & (-4, -3) \end{aligned}$$

$$\begin{aligned} 330) \quad & x - 4y = 4 \\ & x - 4y = -12 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 332) \quad & x + 2y = 8 \\ & x - 2y = -4 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 334) \quad & 8x - 3y = 12 \\ & 2x - 3y = -6 \\ & (3, 4) \end{aligned}$$

$$\begin{aligned} 336) \quad & 7x + 3y = -12 \\ & x + 3y = 6 \\ & (-3, 3) \end{aligned}$$

$$\begin{aligned} 338) \quad & x - y = 2 \\ & 4x - y = -1 \\ & (-1, -3) \end{aligned}$$

$$\begin{aligned} 340) \quad & x + y = 4 \\ & 3x - 2y = 2 \\ & (2, 2) \end{aligned}$$

$$\begin{aligned} 342) \quad & x + y = 3 \\ & x = 2 \\ & (2, 1) \end{aligned}$$

$$\begin{aligned} 344) \quad & 2x + y = 4 \\ & 4x - y = 2 \\ & (1, 2) \end{aligned}$$

$$\begin{aligned} 346) \quad & 8x + 3y = 12 \\ & x + 3y = -9 \\ & (3, -4) \end{aligned}$$

$$\begin{aligned} 348) \quad & 6x + y = -3 \\ & x - y = -4 \\ & (-1, 3) \end{aligned}$$

$$\begin{aligned} 349) \quad & x + y = -4 \\ & 4x - 3y = -9 \\ & (-3, -1) \end{aligned}$$

$$\begin{aligned} 351) \quad & 3x - y = -2 \\ & 3x - y = -1 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 353) \quad & x - y = 4 \\ & 2x + y = 2 \\ & (2, -2) \end{aligned}$$

$$\begin{aligned} 355) \quad & x - 2y = 2 \\ & 3x + 4y = 16 \\ & (4, 1) \end{aligned}$$

$$\begin{aligned} 357) \quad & 3x - 2y = 2 \\ & x = -2 \\ & (-2, -4) \end{aligned}$$

$$\begin{aligned} 359) \quad & 5x - 4y = -16 \\ & 3x + 4y = -16 \\ & (-4, -1) \end{aligned}$$

$$\begin{aligned} 361) \quad & x - 3y = 6 \\ & x + 3y = -12 \\ & (-3, -3) \end{aligned}$$

$$\begin{aligned} 363) \quad & x - y = -3 \\ & 7x - y = 3 \\ & (1, 4) \end{aligned}$$

$$\begin{aligned} 365) \quad & 3x - 4y = -4 \\ & x + 4y = -12 \\ & (-4, -2) \end{aligned}$$

$$\begin{aligned} 367) \quad & x - 2y = 6 \\ & x + y = 3 \\ & (4, -1) \end{aligned}$$

$$\begin{aligned} 369) \quad & x + 2y = -6 \\ & 7x + 2y = 6 \\ & (2, -4) \end{aligned}$$

$$\begin{aligned} 371) \quad & 4x - y = -2 \\ & x - y = 1 \\ & (-1, -2) \end{aligned}$$

$$\begin{aligned} 373) \quad & 2x + 3y = 3 \\ & 7x + 3y = -12 \\ & (-3, 3) \end{aligned}$$

$$\begin{aligned} 375) \quad & x + 2y = 4 \\ & 3x + 2y = 8 \\ & (2, 1) \end{aligned}$$

$$\begin{aligned} 377) \quad & x + 4y = -12 \\ & x + 4y = 16 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 379) \quad & 4x - 3y = -9 \\ & 2x + 3y = -9 \\ & (-3, -1) \end{aligned}$$

$$\begin{aligned} 350) \quad & x + 2y = -4 \\ & 3x + y = 3 \\ & (2, -3) \end{aligned}$$

$$\begin{aligned} 352) \quad & x + y = 3 \\ & 6x + y = -2 \\ & (-1, 4) \end{aligned}$$

$$\begin{aligned} 354) \quad & x + 2y = 6 \\ & 4x + y = -4 \\ & (-2, 4) \end{aligned}$$

$$\begin{aligned} 356) \quad & 3x + y = 2 \\ & x - y = 2 \\ & (1, -1) \end{aligned}$$

$$\begin{aligned} 358) \quad & x - 3y = -3 \\ & 5x - 3y = 9 \\ & (3, 2) \end{aligned}$$

$$\begin{aligned} 360) \quad & x - 2y = -4 \\ & 2x - y = 1 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 362) \quad & x - y = -3 \\ & 2x + y = -3 \\ & (-2, 1) \end{aligned}$$

$$\begin{aligned} 364) \quad & 5x - 2y = 4 \\ & x + 2y = 8 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 366) \quad & x + 2y = 2 \\ & x - 2y = -6 \\ & (-2, 2) \end{aligned}$$

$$\begin{aligned} 368) \quad & x - 2y = 8 \\ & 5x + 4y = 12 \\ & (4, -2) \end{aligned}$$

$$\begin{aligned} 370) \quad & x - y = -2 \\ & 7x - y = 4 \\ & (1, 3) \end{aligned}$$

$$\begin{aligned} 372) \quad & x + 4y = 8 \\ & 7x + 4y = -16 \\ & (-4, 3) \end{aligned}$$

$$\begin{aligned} 374) \quad & x + y = -4 \\ & y = -2 \\ & (-2, -2) \end{aligned}$$

$$\begin{aligned} 376) \quad & x - y = -1 \\ & 4x - y = 2 \\ & (1, 2) \end{aligned}$$

$$\begin{aligned} 378) \quad & 7x - 4y = 12 \\ & x - 4y = -12 \\ & (4, 4) \end{aligned}$$

$$\begin{aligned} 380) \quad & 2x - y = -4 \\ & 4x + y = -2 \\ & (-1, 2) \end{aligned}$$

$$\begin{aligned} 381) \quad & x + y = 2 \\ & 7x + y = -4 \\ & (-1, 3) \end{aligned}$$

$$\begin{aligned} 383) \quad & 3x - y = -2 \\ & x - 2y = 6 \\ & (-2, -4) \end{aligned}$$

$$\begin{aligned} 385) \quad & 3x + 4y = 16 \\ & 3x - 4y = 8 \\ & (4, 1) \end{aligned}$$

$$\begin{aligned} 387) \quad & x - y = 2 \\ & x - y = 3 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 389) \quad & 3x + 4y = 8 \\ & 3x - 4y = 16 \\ & (4, -1) \end{aligned}$$

$$\begin{aligned} 391) \quad & 3x - 2y = -6 \\ & x - 2y = 2 \\ & (-4, -3) \end{aligned}$$

$$\begin{aligned} 393) \quad & x - 2y = -4 \\ & 7x - 2y = 8 \\ & (2, 3) \end{aligned}$$

$$\begin{aligned} 395) \quad & 7x + 4y = 16 \\ & x + 2y = -2 \\ & (4, -3) \end{aligned}$$

$$\begin{aligned} 397) \quad & 4x + y = -4 \\ & x + 2y = 6 \\ & (-2, 4) \end{aligned}$$

$$\begin{aligned} 399) \quad & 2x + y = -2 \\ & 2x + y = 1 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 401) \quad & 5x + 3y = -9 \\ & 2x - 3y = -12 \\ & (-3, 2) \end{aligned}$$

$$\begin{aligned} 403) \quad & 2x + 7y = 49 \\ & 10x + 7y = -7 \\ & (-7, 9) \end{aligned}$$

$$\begin{aligned} 405) \quad & 3x + 2y = -6 \\ & x - 2y = -10 \\ & (-4, 3) \end{aligned}$$

$$\begin{aligned} 407) \quad & 7x - 2y = 16 \\ & x + y = 1 \\ & (2, -1) \end{aligned}$$

$$\begin{aligned} 409) \quad & 3x - 7y = 42 \\ & 3x - 7y = -35 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 411) \quad & x + 4y = -4 \\ & 3x - 8y = -32 \\ & (-8, 1) \end{aligned}$$

$$\begin{aligned} 382) \quad & x - 3y = 12 \\ & x + 3y = -6 \\ & (3, -3) \end{aligned}$$

$$\begin{aligned} 384) \quad & 5x + 2y = 6 \\ & x - y = 4 \\ & (2, -2) \end{aligned}$$

$$\begin{aligned} 386) \quad & 2x - y = 4 \\ & 5x + y = 3 \\ & (1, -2) \end{aligned}$$

$$\begin{aligned} 388) \quad & x - 3y = 9 \\ & x - 3y = -3 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 390) \quad & 2x - y = 4 \\ & x + 3y = 9 \\ & (3, 2) \end{aligned}$$

$$\begin{aligned} 392) \quad & y = 4 \\ & 7x - 2y = 6 \\ & (2, 4) \end{aligned}$$

$$\begin{aligned} 394) \quad & 5x + y = -4 \\ & x - y = -2 \\ & (-1, 1) \end{aligned}$$

$$\begin{aligned} 396) \quad & x - y = -3 \\ & 5x - y = 1 \\ & (1, 4) \end{aligned}$$

$$\begin{aligned} 398) \quad & 3x + 4y = 4 \\ & x - 4y = 12 \\ & (4, -2) \end{aligned}$$

$$\begin{aligned} 400) \quad & 3x + y = -1 \\ & 3x + y = 3 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 402) \quad & 9x + 2y = -8 \\ & x - 2y = -12 \\ & (-2, 5) \end{aligned}$$

$$\begin{aligned} 404) \quad & 2x + 3y = -9 \\ & x - 3y = 27 \\ & (6, -7) \end{aligned}$$

$$\begin{aligned} 406) \quad & 3x + 2y = 16 \\ & x + 4y = -8 \\ & (8, -4) \end{aligned}$$

$$\begin{aligned} 408) \quad & 4x + y = -2 \\ & 3x - 2y = -18 \\ & (-2, 6) \end{aligned}$$

$$\begin{aligned} 410) \quad & x - 6y = 48 \\ & x - 6y = -12 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 412) \quad & 3x + 2y = -6 \\ & x + 4y = 28 \\ & (-8, 9) \end{aligned}$$

413) $13x + 3y = -18$

$x + 3y = 18$

$(-3, 7)$

415) $14x + 5y = 40$

$x - 5y = 35$

$(5, -6)$

417) $x - 2y = 12$

$3x + 2y = 12$

$(6, -3)$

419) $4x - 5y = -40$

$6x + 5y = -10$

$(-5, 4)$

421) $7x - 9y = 18$

$7x - 9y = -63$

No solution

423) $5x + 3y = 24$

$x + 2y = 2$

$(6, -2)$

425) $x + 3y = -15$

$14x + 9y = 54$

$(9, -8)$

427) $2x - y = 7$

$5x + 4y = 24$

$(4, 1)$

429) $x + y = -5$

$2x - 7y = -28$

$(-7, 2)$

431) $x + y = 4$

$x + y = 2$

No solution

433) $16x + 9y = 81$

$16x + 9y = -36$

No solution

435) $7x - y = -9$

$x - y = -3$

$(-1, 2)$

437) $x + 6y = 30$

$5x + 2y = -18$

$(-6, 6)$

439) $10x + 3y = 18$

$x + 3y = -9$

$(3, -4)$

441) $x + 5y = 40$

$13x + 5y = -20$

$(-5, 9)$

443) $12x + y = -9$

$y = 3$

$(-1, 3)$

414) $5x - 4y = -32$

$5x + 2y = -14$

$(-4, 3)$

416) $15x - 8y = -48$

$3x - 8y = 48$

$(-8, -9)$

418) $2x + y = 3$

$3x - y = 2$

$(1, 1)$

420) $3x + y = 7$

$3x + y = 1$

No solution

422) $x - 3y = -24$

$3x + y = -2$

$(-3, 7)$

424) $3x - 5y = -35$

$3x + 5y = 5$

$(-5, 4)$

426) $15x + 4y = -28$

$3x + 4y = 20$

$(-4, 8)$

428) $2x + y = 3$

$x - 4y = 24$

$(4, -5)$

430) $6x - 5y = 40$

$9x + 5y = 35$

$(5, -2)$

432) $x + y = -1$

$2x - 3y = -27$

$(-6, 5)$

434) $x - y = 6$

$8x + 5y = 35$

$(5, -1)$

436) $4x - 3y = 24$

$10x + 3y = 18$

$(3, -4)$

438) $x + y = 9$

$x + y = -9$

No solution

440) $x = 8$

$11x + 8y = 32$

$(8, -7)$

442) $3x - 7y = -63$

$3x - 7y = 28$

No solution

444) $7x + 8y = 8$

$3x - 8y = 72$

$(8, -6)$

$$445) \begin{aligned} x + y &= -2 \\ x + y &= -5 \end{aligned}$$

No solution

$$447) \begin{aligned} 11x + 2y &= -14 \\ 2x - y &= -8 \end{aligned}$$

(-2, 4)

$$449) \begin{aligned} 3x + 2y &= -10 \\ x - 4y &= -36 \end{aligned}$$

(-8, 7)

$$451) \begin{aligned} x - 4y &= -8 \\ x - y &= -5 \end{aligned}$$

(-4, 1)

$$453) \begin{aligned} 3x + y &= 9 \\ 2x + 3y &= -15 \end{aligned}$$

(6, -9)

$$455) \begin{aligned} 13x + 7y &= 49 \\ 3x + 7y &= -21 \end{aligned}$$

(7, -6)

$$457) \begin{aligned} 2x + y &= -1 \\ 2x + y &= 6 \end{aligned}$$

No solution

$$459) \begin{aligned} 5x + y &= 3 \\ 2x - y &= 4 \end{aligned}$$

(1, -2)

$$461) \begin{aligned} 10x + 7y &= 35 \\ x + 7y &= -28 \end{aligned}$$

(7, -5)

$$463) \begin{aligned} x + 2y &= -2 \\ 5x + 3y &= 18 \end{aligned}$$

(6, -4)

$$465) \begin{aligned} 3x + 2y &= -2 \\ x - 2y &= -14 \end{aligned}$$

(-4, 5)

$$467) \begin{aligned} x - 4y &= 32 \\ 7x + 2y &= 14 \end{aligned}$$

(4, -7)

$$469) \begin{aligned} x - y &= -8 \\ x - y &= -4 \end{aligned}$$

No solution

$$471) \begin{aligned} 5x + 3y &= 18 \\ x - 3y &= 18 \end{aligned}$$

(6, -4)

$$473) \begin{aligned} x + 5y &= -10 \\ 2x - 5y &= 25 \end{aligned}$$

(5, -3)

$$475) \begin{aligned} x + 2y &= -10 \\ x - 4y &= 32 \end{aligned}$$

(4, -7)

$$446) \begin{aligned} x + y &= -1 \\ 3x - y &= 9 \end{aligned}$$

(2, -3)

$$448) \begin{aligned} 7x - 3y &= 15 \\ y &= 9 \end{aligned}$$

(6, 9)

$$450) \begin{aligned} 7x + 2y &= 10 \\ 3x - y &= 8 \end{aligned}$$

(2, -2)

$$452) \begin{aligned} 5x + 3y &= -3 \\ 5x + 3y &= -12 \end{aligned}$$

No solution

$$454) \begin{aligned} 3x + 8y &= 32 \\ 7x + 4y &= -28 \end{aligned}$$

(-8, 7)

$$456) \begin{aligned} x - 5y &= 45 \\ 9x + 5y &= 5 \end{aligned}$$

(5, -8)

$$458) \begin{aligned} x - 5y &= -10 \\ 7x + 5y &= -30 \end{aligned}$$

(-5, 1)

$$460) \begin{aligned} 4x + 9y &= 36 \\ 17x + 9y &= -81 \end{aligned}$$

(-9, 8)

$$462) \begin{aligned} 9x + 5y &= 5 \\ 2x + 5y &= -30 \end{aligned}$$

(5, -8)

$$464) \begin{aligned} x + 5y &= 5 \\ x &= -5 \end{aligned}$$

(-5, 2)

$$466) \begin{aligned} 3x + y &= 2 \\ 4x - y &= 5 \end{aligned}$$

(1, -1)

$$468) \begin{aligned} 4x + 9y &= 45 \\ 5x + 3y &= -18 \end{aligned}$$

(-9, 9)

$$470) \begin{aligned} 11x + 6y &= -48 \\ 11x + 6y &= -30 \end{aligned}$$

No solution

$$472) \begin{aligned} x &= 9 \\ x - 9y &= -72 \end{aligned}$$

(9, 9)

$$474) \begin{aligned} 3x + y &= -6 \\ x + 2y &= 8 \end{aligned}$$

(-4, 6)

$$476) \begin{aligned} 5x - 6y &= -48 \\ x &= -6 \end{aligned}$$

(-6, 3)

477) $x + 5y = 30$

$x = -5$

$(-5, 7)$

479) $x - y = 9$

$y = -6$

$(3, -6)$

481) $6x + y = -5$

$6x + y = -4$

No solution

483) $2x + y = -3$

$y = 7$

$(-5, 7)$

485) $3x - 2y = 16$

$x + y = -3$

$(2, -5)$

487) $x - 4y = 12$

$7x - 4y = 36$

$(4, -2)$

489) $4x - 7y = -56$

$12x + 7y = -56$

$(-7, 4)$

491) $5x + 6y = 18$

$x + 6y = 42$

$(-6, 8)$

493) $5x - 3y = 21$

$5x - 3y = 3$

No solution

495) $11x + 2y = -18$

$3x - 2y = -10$

$(-2, 2)$

497) $13x + 7y = 42$

$x + 7y = -42$

$(7, -7)$

499) $x - 3y = 6$

$4x + 3y = 9$

$(3, -1)$

501) $19x + 8y = 152$

$3x + 4y = -28$

$(16, -19)$

503) $31x - 8y = -120$

$5x - 8y = 88$

$(-8, -16)$

505) $5x - 11y = 88$

$5x + 11y = 22$

$(11, -3)$

507) $16x - 7y = 91$

$11x + 7y = 98$

$(7, 3)$

478) $2x - y = -1$

$2x + y = -3$

$(-1, -1)$

480) $3x - 2y = 18$

$3x - 2y = -4$

No solution

482) $11x + 7y = -49$

$5x - 7y = -63$

$(-7, 4)$

484) $4x + 3y = 9$

$x + 9y = -72$

$(9, -9)$

486) $x + 2y = -10$

$3x + 2y = 6$

$(8, -9)$

488) $7x + 2y = -12$

$3x - 2y = -8$

$(-2, 1)$

490) $2x + 7y = -42$

$12x + 7y = 28$

$(7, -8)$

492) $3x - 2y = 16$

$3x - 2y = 4$

No solution

494) $3x + 2y = -14$

$3x - 8y = -64$

$(-8, 5)$

496) $x + 6y = 42$

$7x + 3y = -18$

$(-6, 8)$

498) $11x + y = 7$

$2x - y = 6$

$(1, -4)$

500) $3x + y = -7$

$x - y = -5$

$(-3, 2)$

502) $32x + 15y = 285$

$32x + 15y = -30$

No solution

504) $x - 3y = 45$

$5x + 3y = 45$

$(15, -10)$

506) $2x + 13y = -182$

$29x + 13y = 169$

$(13, -16)$

508) $6x + 7y = 112$

$4x - y = 18$

$(7, 10)$

$$509) \begin{aligned} 11x + 16y &= -64 \\ x - 4y &= -44 \\ (-16, 7) \end{aligned}$$

$$511) \begin{aligned} 17x + 8y &= -32 \\ y &= 13 \\ (-8, 13) \end{aligned}$$

$$513) \begin{aligned} 28x - 9y &= -135 \\ 28x - 9y &= 18 \\ \text{No solution} \end{aligned}$$

$$515) \begin{aligned} 4x - y &= 11 \\ 6x - 7y &= -77 \\ (7, 17) \end{aligned}$$

$$517) \begin{aligned} 5x - 4y &= -76 \\ x - 4y &= -12 \\ (-16, -1) \end{aligned}$$

$$519) \begin{aligned} 21x + 17y &= -289 \\ 3x - 17y &= -119 \\ (-17, 4) \end{aligned}$$

$$521) \begin{aligned} 2x - y &= 4 \\ 6x + y &= -12 \\ (-1, -6) \end{aligned}$$

$$523) \begin{aligned} x - y &= -8 \\ x + y &= 6 \\ (-1, 7) \end{aligned}$$

$$525) \begin{aligned} 11x + 17y &= 102 \\ y &= 17 \\ (-17, 17) \end{aligned}$$

$$527) \begin{aligned} 31x + 6y &= 114 \\ x + 2y &= -18 \\ (6, -12) \end{aligned}$$

$$529) \begin{aligned} x - 7y &= 7 \\ 10x - 7y &= 133 \\ (14, 1) \end{aligned}$$

$$531) \begin{aligned} 11x + 14y &= 70 \\ 3x - 7y &= 84 \\ (14, -6) \end{aligned}$$

$$533) \begin{aligned} x + y &= 8 \\ 27x + 2y &= -34 \\ (-2, 10) \end{aligned}$$

$$535) \begin{aligned} 11x + 2y &= 12 \\ 11x + 2y &= -20 \\ \text{No solution} \end{aligned}$$

$$537) \begin{aligned} x + 6y &= -90 \\ 3x + y &= 2 \\ (6, -16) \end{aligned}$$

$$539) \begin{aligned} 2x - 7y &= -21 \\ 9x - 7y &= 77 \\ (14, 7) \end{aligned}$$

$$510) \begin{aligned} 9x + 16y &= -240 \\ 3x - 16y &= 48 \\ (-16, -6) \end{aligned}$$

$$512) \begin{aligned} 4x + 3y &= 12 \\ 4x + 3y &= 33 \\ \text{No solution} \end{aligned}$$

$$514) \begin{aligned} 5x - 9y &= 126 \\ 11x - 3y &= -42 \\ (-9, -19) \end{aligned}$$

$$516) \begin{aligned} x &= 14 \\ x - y &= 17 \\ (14, -3) \end{aligned}$$

$$518) \begin{aligned} x &= 15 \\ x + 15y &= -120 \\ (15, -9) \end{aligned}$$

$$520) \begin{aligned} 2x - 17y &= -204 \\ 27x + 17y &= -289 \\ (-17, 10) \end{aligned}$$

$$522) \begin{aligned} 11x - 3y &= 27 \\ 2x - 3y &= -27 \\ (6, 13) \end{aligned}$$

$$524) \begin{aligned} x + 6y &= -108 \\ x + 6y &= -90 \\ \text{No solution} \end{aligned}$$

$$526) \begin{aligned} 19x - 9y &= -27 \\ 19x - 9y &= 171 \\ \text{No solution} \end{aligned}$$

$$528) \begin{aligned} x &= -10 \\ 2x + 5y &= -35 \\ (-10, -3) \end{aligned}$$

$$530) \begin{aligned} x + 9y &= -90 \\ 3x - y &= -18 \\ (-9, -9) \end{aligned}$$

$$532) \begin{aligned} x - y &= -6 \\ 6x - y &= -16 \\ (-2, 4) \end{aligned}$$

$$534) \begin{aligned} 23x + 18y &= -162 \\ x + 18y &= 234 \\ (-18, 14) \end{aligned}$$

$$536) \begin{aligned} 5x - 18y &= 252 \\ 35x - 18y &= -288 \\ (-18, -19) \end{aligned}$$

$$538) \begin{aligned} 3x - 2y &= -30 \\ 2x - 9y &= 72 \\ (-18, -12) \end{aligned}$$

$$540) \begin{aligned} 3x + 5y &= -30 \\ 28x + 5y &= 95 \\ (5, -9) \end{aligned}$$

$$\begin{aligned} 541) \quad & x - 5y = -15 \\ & 6x - 5y = -65 \\ & (-10, 1) \end{aligned}$$

$$\begin{aligned} 543) \quad & 13x - 5y = 80 \\ & 3x - 5y = 30 \\ & (5, -3) \end{aligned}$$

$$\begin{aligned} 545) \quad & 31x + 3y = -51 \\ & 31x + 3y = 9 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 547) \quad & 8x - 13y = -117 \\ & 2x - y = 9 \\ & (13, 17) \end{aligned}$$

$$\begin{aligned} 549) \quad & 23x - 19y = -152 \\ & 3x - 19y = 228 \\ & (-19, -15) \end{aligned}$$

$$\begin{aligned} 551) \quad & x + 19y = -190 \\ & 20x - 19y = -209 \\ & (-19, -9) \end{aligned}$$

$$\begin{aligned} 553) \quad & 21x - 19y = -361 \\ & 11x + 19y = -247 \\ & (-19, -2) \end{aligned}$$

$$\begin{aligned} 555) \quad & 2x - 5y = 5 \\ & 13x + 5y = 70 \\ & (5, 1) \end{aligned}$$

$$\begin{aligned} 557) \quad & 3x - 4y = -16 \\ & 11x - 4y = 16 \\ & (4, 7) \end{aligned}$$

$$\begin{aligned} 559) \quad & y = -18 \\ & 11x + 4y = 60 \\ & (12, -18) \end{aligned}$$

$$\begin{aligned} 561) \quad & x + 4y = 68 \\ & 4x - 3y = 6 \\ & (12, 14) \end{aligned}$$

$$\begin{aligned} 563) \quad & 5x + 4y = -56 \\ & 21x - 4y = -48 \\ & (-4, -9) \end{aligned}$$

$$\begin{aligned} 565) \quad & 17x - 4y = -60 \\ & 5x + 2y = -24 \\ & (-4, -2) \end{aligned}$$

$$\begin{aligned} 567) \quad & 6x - 19y = 95 \\ & 13x + 19y = 266 \\ & (19, 1) \end{aligned}$$

$$\begin{aligned} 569) \quad & 2x - y = -3 \\ & x - 2y = -18 \\ & (4, 11) \end{aligned}$$

$$\begin{aligned} 571) \quad & x + 6y = 72 \\ & 5x + 6y = 24 \\ & (-12, 14) \end{aligned}$$

$$\begin{aligned} 542) \quad & 4x + 5y = -70 \\ & 2x - 5y = 10 \\ & (-10, -6) \end{aligned}$$

$$\begin{aligned} 544) \quad & 10x + 13y = 182 \\ & 3x - 13y = -13 \\ & (13, 4) \end{aligned}$$

$$\begin{aligned} 546) \quad & 9x - 11y = -176 \\ & 5x + 11y = 22 \\ & (-11, 7) \end{aligned}$$

$$\begin{aligned} 548) \quad & 23x - 3y = -33 \\ & x + y = -15 \\ & (-3, -12) \end{aligned}$$

$$\begin{aligned} 550) \quad & 14x - 13y = 39 \\ & x + 13y = 156 \\ & (13, 11) \end{aligned}$$

$$\begin{aligned} 552) \quad & 2x - 3y = 51 \\ & 9x - y = -8 \\ & (-3, -19) \end{aligned}$$

$$\begin{aligned} 554) \quad & 3x + y = 9 \\ & 2x - y = 16 \\ & (5, -6) \end{aligned}$$

$$\begin{aligned} 556) \quad & 13x - 11y = -187 \\ & 3x + 11y = 11 \\ & (-11, 4) \end{aligned}$$

$$\begin{aligned} 558) \quad & 3x + 11y = 88 \\ & 5x - 11y = -176 \\ & (-11, 11) \end{aligned}$$

$$\begin{aligned} 560) \quad & 2x - y = 7 \\ & x + 2y = -34 \\ & (-4, -15) \end{aligned}$$

$$\begin{aligned} 562) \quad & 3x + 2y = 12 \\ & x - 4y = 60 \\ & (12, -12) \end{aligned}$$

$$\begin{aligned} 564) \quad & y = 17 \\ & 20x + 11y = -33 \\ & (-11, 17) \end{aligned}$$

$$\begin{aligned} 566) \quad & 24x - 19y = -361 \\ & 11x + 19y = -304 \\ & (-19, -5) \end{aligned}$$

$$\begin{aligned} 568) \quad & 9x + 4y = 52 \\ & 9x + 4y = -24 \\ & \text{No solution} \end{aligned}$$

$$\begin{aligned} 570) \quad & 2x - 3y = -48 \\ & 25x + 12y = -204 \\ & (-12, 8) \end{aligned}$$

$$\begin{aligned} 572) \quad & 2x - 11y = -165 \\ & 15x - 11y = -22 \\ & (11, 17) \end{aligned}$$

$$573) \begin{aligned} 7x + 11y &= -88 \\ 7x + 11y &= -22 \end{aligned}$$

No solution

$$575) \begin{aligned} x - 6y &= 96 \\ 25x - 12y &= -84 \end{aligned}$$

$(-12, -18)$

$$577) \begin{aligned} 11x - 5y &= -30 \\ 13x + 5y &= -90 \end{aligned}$$

$(-5, -5)$

$$579) \begin{aligned} 2x + y &= -9 \\ 6x - 5y &= -35 \end{aligned}$$

$(-5, 1)$

$$581) \begin{aligned} 4x + 3y &= 54 \\ 17x - 3y &= 9 \end{aligned}$$

$(3, 14)$

$$583) \begin{aligned} 26x + 3y &= 24 \\ 26x + 3y &= 9 \end{aligned}$$

No solution

$$585) \begin{aligned} 22x + 13y &= -52 \\ 2x + 13y &= 208 \end{aligned}$$

$(-13, 18)$

$$587) \begin{aligned} 4x + 13y &= -156 \\ x - y &= -5 \end{aligned}$$

$(-13, -8)$

$$589) \begin{aligned} x + 5y &= -15 \\ 3x + 2y &= 20 \end{aligned}$$

$(10, -5)$

$$591) \begin{aligned} 7x - 10y &= 50 \\ 3x + 5y &= 40 \end{aligned}$$

$(10, 2)$

$$593) \begin{aligned} 23x - 18y &= 270 \\ x + 3y &= 42 \end{aligned}$$

$(18, 8)$

$$595) \begin{aligned} x - 2y &= -28 \\ x + 6y &= 60 \end{aligned}$$

$(-6, 11)$

$$597) \begin{aligned} x - 2y &= 32 \\ 7x + 2y &= -16 \end{aligned}$$

$(2, -15)$

$$599) \begin{aligned} x + 18y &= -306 \\ 29x + 18y &= 198 \end{aligned}$$

$(18, -18)$

$$574) \begin{aligned} 11x - 2y &= -20 \\ x + 2y &= -28 \end{aligned}$$

$(-4, -12)$

$$576) \begin{aligned} x &= 11 \\ 13x + 11y &= 55 \end{aligned}$$

$(11, -8)$

$$578) \begin{aligned} 13x - 19y &= 285 \\ 6x + 19y &= 76 \end{aligned}$$

$(19, -2)$

$$580) \begin{aligned} 4x + 19y &= 171 \\ 10x - 19y &= 95 \end{aligned}$$

$(19, 5)$

$$582) \begin{aligned} 5x - 9y &= -9 \\ x &= 18 \end{aligned}$$

$(18, 11)$

$$584) \begin{aligned} x - 3y &= -21 \\ 10x + 3y &= 54 \end{aligned}$$

$(3, 8)$

$$586) \begin{aligned} 3x + 11y &= -99 \\ 2x + y &= 10 \end{aligned}$$

$(11, -12)$

$$588) \begin{aligned} 17x - 5y &= -75 \\ 17x + 5y &= -95 \end{aligned}$$

$(-5, -2)$

$$590) \begin{aligned} 6x - 13y &= 117 \\ 33x - 13y &= -234 \end{aligned}$$

$(-13, -15)$

$$592) \begin{aligned} 24x + 5y &= -95 \\ 14x - 5y &= -95 \end{aligned}$$

$(-5, 5)$

$$594) \begin{aligned} x - 18y &= -252 \\ x - 18y &= 180 \end{aligned}$$

No solution

$$596) \begin{aligned} 25x - 2y &= 14 \\ 25x - 2y &= -34 \end{aligned}$$

No solution

$$598) \begin{aligned} 11x - 7y &= -77 \\ 4x + 7y &= -133 \end{aligned}$$

$(-14, -11)$

$$600) \begin{aligned} 3x + y &= -2 \\ 3x - y &= 14 \end{aligned}$$

$(2, -8)$