

SOLVE BY SUBSTITUTION:

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

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

$$(3) \quad \begin{aligned} 2x + y &= 13 \\ y &= 3x - 7 \end{aligned}$$

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

$$(5) \quad \begin{aligned} 3x + y &= 16 \\ y &= 2x + 1 \end{aligned}$$

$$(6) \quad \begin{aligned} 4x + y &= 11 \\ y &= 5 - 2x \end{aligned}$$

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

$$(8) \quad \begin{aligned} 2x + 3y &= 28 \\ y &= 3x + 2 \end{aligned}$$

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

$$(10) \quad \begin{aligned} 4x + 3y &= 25 \\ y &= 2x - 5 \end{aligned}$$

$$(11) \quad \begin{aligned} 9x + 2y &= 17 \\ y &= 4 - 3x \end{aligned}$$

$$(12) \quad \begin{aligned} 2x + 3y &= 19 \\ y &= 5 - 2x \end{aligned}$$

$$(13) \quad \begin{aligned} x + 3y &= 7 \\ x &= 2y - 3 \end{aligned}$$

$$(14) \quad \begin{aligned} x - 5y &= -8 \\ x &= 3y - 6 \end{aligned}$$

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

$$(16) \quad \begin{aligned} 4x + y &= -13 \\ x &= 2y - 1 \end{aligned}$$

$$(17) \quad \begin{aligned} 2x - 3y &= 4 \\ x &= 4y - 3 \end{aligned}$$

$$(18) \quad \begin{aligned} 2x + 3y &= 8 \\ x &= 3 - 2y \end{aligned}$$

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

$$(20) \quad \begin{aligned} 5x + 2y &= 13 \\ y - 3x &= 1 \end{aligned}$$

$$(21) \quad \begin{aligned} x + 3y &= 8 \\ x - 2y &= 3 \end{aligned}$$

$$(22) \quad \begin{aligned} 2x + 3y &= 23 \\ y - 3x &= 4 \end{aligned}$$

$$(23) \quad \begin{aligned} 4x + 3y &= -5 \\ y - 2x &= 5 \end{aligned}$$

$$(24) \quad \begin{aligned} 2x - 5y &= 8 \\ x - 4y &= 1 \end{aligned}$$

SOLVE BY ELIMINATION:

$$\begin{aligned}(1) \quad & 9x + 2y = 24 \\ & 3x + y = 9\end{aligned}$$

$$\begin{aligned}(2) \quad & 8x + 3y = 5 \\ & 2x + y = 1\end{aligned}$$

$$\begin{aligned}(3) \quad & 7x + 5y = 8 \\ & 2x + y = 1\end{aligned}$$

$$\begin{aligned}(4) \quad & 7x + 6y = 15 \\ & 2x + 3y = 3\end{aligned}$$

$$\begin{aligned}(5) \quad & 5x + 6y = 1 \\ & 3x + 2y = -1\end{aligned}$$

$$\begin{aligned}(6) \quad & 2x + 9y = 14 \\ & 4x + 3y = -2\end{aligned}$$

$$\begin{aligned}(7) \quad & 5x + 2y = 12 \\ & 3x + 4y = 10\end{aligned}$$

$$\begin{aligned}(8) \quad & 4x + 3y = 13 \\ & 5x + 9y = 11\end{aligned}$$

$$\begin{aligned}(9) \quad & 9x + 4y = 11 \\ & 3x + 2y = 1\end{aligned}$$

$$\begin{aligned}(10) \quad & 8x - 3y = 30 \\ & 2x - y = 8\end{aligned}$$

$$\begin{aligned}(11) \quad & 9x - 4y = -22 \\ & 3x - 2y = -8\end{aligned}$$

$$\begin{aligned}(12) \quad & 11x - 9y = 7 \\ & 2x - 3y = 4\end{aligned}$$

$$\begin{aligned}(13) \quad & 5x + 2y = 9 \\ & 4x + 3y = 10\end{aligned}$$

$$\begin{aligned}(14) \quad & 5x + 6y = 3 \\ & 2x + 4y = -2\end{aligned}$$

$$\begin{aligned}(15) \quad & 7x + 3y = 2 \\ & 3x + 2y = 3\end{aligned}$$

$$\begin{aligned}(16) \quad & 7x + 4y = 10 \\ & 2x + 3y = 1\end{aligned}$$

$$\begin{aligned}(17) \quad & 5x + 3y = 17 \\ & 3x + 4y = 8\end{aligned}$$

$$\begin{aligned}(18) \quad & 5x + 6y = 7 \\ & 4x + 9y = 14\end{aligned}$$

$$\begin{aligned}(19) \quad & 5x + 3y = 13 \\ & 3x + 4y = 10\end{aligned}$$

$$\begin{aligned}(20) \quad & 4x + 3y = 4 \\ & 5x + 2y = -2\end{aligned}$$

$$\begin{aligned}(21) \quad & 9x + 5y = 22 \\ & 3x + 2y = 7\end{aligned}$$

$$\begin{aligned}(22) \quad & 9x - 2y = 15 \\ & 5x - 3y = 14\end{aligned}$$

$$\begin{aligned}(23) \quad & 5x - 4y = 18 \\ & 2x - 3y = 10\end{aligned}$$

$$\begin{aligned}(24) \quad & 5x - 6y = 7 \\ & 3x - 8y = 13\end{aligned}$$

SOLVE BY SUBSTITUTION:

(1) $3x + y = 9$

$y = 2x - 1$

$(2,3)$

(2) $5x + y = 18$

$y = 6 - 2x$

$(4,-2)$

(3) $2x + y = 13$

$y = 3x - 7$

$(4,5)$

(4) $2x + y = 4$

$y = 4x - 2$

$(1,2)$

(5) $3x + y = 16$

$y = 2x + 1$

$(3,7)$

(6) $4x + y = 11$

$y = 5 - 2x$

$(3,-1)$

(7) $3x + 2y = 8$

$y = 2x - 3$

$(2,1)$

(8) $2x + 3y = 28$

$y = 3x + 2$

$(2,8)$

(9) $5x + 2y = 1$

$y = 1 - 2x$

$(-1,3)$

(10) $4x + 3y = 25$

$y = 2x - 5$

$(4,3)$

(11) $9x + 2y = 17$

$y = 4 - 3x$

$(3,-5)$

(12) $2x + 3y = 19$

$y = 5 - 2x$

$(-1,7)$

(13) $x + 3y = 7$

$x = 2y - 3$

$(1,2)$

(14) $x - 5y = -8$

$x = 3y - 6$

$(-3,1)$

(15) $2x + 3y = 5$

$x = y - 5$

$(-2,3)$

(16) $4x + y = -13$

$x = 2y - 1$

$(-3,-1)$

(17) $2x - 3y = 4$

$x = 4y - 3$

$(5,2)$

(18) $2x + 3y = 8$

$x = 3 - 2y$

$(7,-2)$

(19) $3x + y = -2$

$y - 2x = 3$

$(-1,1)$

(20) $5x + 2y = 13$

$y - 3x = 1$

$(1,4)$

(21) $x + 3y = 8$

$x - 2y = 3$

$(5,1)$

(22) $2x + 3y = 23$

$y - 3x = 4$

$(1,7)$

(23) $4x + 3y = -5$

$y - 2x = 5$

$(-2,1)$

(24) $2x - 5y = 8$

$x - 4y = 1$

$(9,2)$

SOLVE BY ELIMINATION:

(1) $9x + 2y = 24$

$3x + y = 9$

$(2, 3)$

(2) $8x + 3y = 5$

$2x + y = 1$

$(1, -1)$

(3) $7x + 5y = 8$

$2x + y = 1$

$(-1, 3)$

(4) $7x + 6y = 15$

$2x + 3y = 3$

$(3, -1)$

(5) $5x + 6y = 1$

$3x + 2y = -1$

$(-1, 1)$

(6) $2x + 9y = 14$

$4x + 3y = -2$

$(-2, 2)$

(7) $5x + 2y = 12$

$3x + 4y = 10$

$(2, 1)$

(8) $4x + 3y = 13$

$5x + 9y = 11$

$(4, -1)$

(9) $9x + 4y = 11$

$3x + 2y = 1$

$(3, -4)$

(10) $8x - 3y = 30$

$2x - y = 8$

$(3, -2)$

(11) $9x - 4y = -22$

$3x - 2y = -8$

$(-2, 1)$

(12) $11x - 9y = 7$

$2x - 3y = 4$

$(-1, -2)$

(13) $5x + 2y = 9$

$4x + 3y = 10$

$(1, 2)$

(14) $5x + 6y = 3$

$2x + 4y = -2$

$(3, -2)$

(15) $7x + 3y = 2$

$3x + 2y = 3$

$(-1, 3)$

(16) $7x + 4y = 10$

$2x + 3y = 1$

$(2, -1)$

(17) $5x + 3y = 17$

$3x + 4y = 8$

$(4, -1)$

(18) $5x + 6y = 7$

$4x + 9y = 14$

$(-1, 2)$

(19) $5x + 3y = 13$

$3x + 4y = 10$

$(2, 1)$

(20) $4x + 3y = 4$

$5x + 2y = -2$

$(-2, 4)$

(21) $9x + 5y = 22$

$3x + 2y = 7$

$(3, -1)$

(22) $9x - 2y = 15$

$5x - 3y = 14$

$(1, -3)$

(23) $5x - 4y = 18$

$2x - 3y = 10$

$(2, -2)$

(24) $5x - 6y = 7$

$3x - 8y = 13$

$(-1, -2)$