

☺ *Solve.*

$$(1) \quad \begin{aligned} 5x + y &= 10 \\ 4x + y &= 7 \end{aligned}$$

$$(2) \quad \begin{aligned} 6x + 2y &= 5 \\ 8x + 2y &= -1 \end{aligned}$$

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

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

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

☺ *Solve.*

$$(6) \quad \begin{aligned} 7x + y &= 5a \\ 6x + y &= 3a \end{aligned}$$

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

$$(8) \quad \begin{aligned} 2x - 3y &= 12a \\ 2x + 3y &= 12b \end{aligned}$$

$$(9) \quad \begin{aligned} ax + y &= 2a \\ bx + y &= 2b \end{aligned}$$

$$(10) \quad \begin{aligned} 6mx + ny &= 7m \\ 4mx + ny &= 3m \end{aligned}$$

☺ *Solve.*

$$(11) \quad \begin{aligned} 3x + y &= 7 \\ 5x - y &= 9 \end{aligned}$$

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

$$(13) \quad \begin{aligned} -7x - y &= 3 \\ 7x - 2y &= -15 \end{aligned}$$

$$(14) \quad \begin{aligned} 6x + 2y &= 7 \\ -3x - 2y &= 2 \end{aligned}$$

$$(15) \quad \begin{aligned} 9x + 5y &= 9 \\ -9x - y &= 11 \end{aligned}$$

☺ *Solve.*

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

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

$$(18) \quad \begin{aligned} 4x - 3y &= -4c \\ -6x + 3y &= 2d \end{aligned}$$

$$(19) \quad \begin{aligned} ax + y &= 3a \\ bx - y &= 3b \end{aligned}$$

$$(20) \quad \begin{aligned} mx + ny &= 5m \\ 2mx - ny &= 4m \end{aligned}$$

☺ *Solve.*

$$(21) \quad \begin{aligned} 4x + y &= 6 \\ 3x + 3y &= 9 \end{aligned}$$

$$(22) \quad \begin{aligned} 2x + 3y &= 7 \\ -3x + 2y &= -4 \end{aligned}$$

$$(23) \quad \begin{aligned} -6x - 5y &= 11 \\ 5x - 2y &= -3 \end{aligned}$$

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

$$(25) \quad \begin{aligned} 3x + 4y &= 18 \\ 5x - y &= 7 \end{aligned}$$

☺ *Solve.*

$$(26) \quad \begin{aligned} 7x - 8y &= 5 \\ 3x - y &= 7 \end{aligned}$$

$$(27) \quad \begin{aligned} -7x + 2y &= 20 \\ 4x + 3y &= 1 \end{aligned}$$

$$(28) \quad \begin{aligned} 2x - 3y &= -4 \\ -3x + 7y &= 6 \end{aligned}$$

$$(29) \quad \begin{aligned} 7x + 3y &= -1 \\ 6x - 2y &= -10 \end{aligned}$$

$$(30) \quad \begin{aligned} 3x - 5y &= 4 \\ 2x - 7y &= -1 \end{aligned}$$

☺ *Solve.*

$$(31) \quad \begin{aligned} x + y &= a \\ 2x + 3y &= b \end{aligned}$$

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

$$(33) \quad \begin{aligned} -5x + 4y &= 2a \\ 3x + 2y &= -b \end{aligned}$$

$$(34) \quad \begin{aligned} 2x + 5y &= f \\ 3x - 4y &= 3g \end{aligned}$$

$$(35) \quad \begin{aligned} 3x - 2y &= h \\ -x - y &= k \end{aligned}$$

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

$$(37) \quad \begin{aligned} 5x - 2y &= 2m \\ x - 3y &= 3n \end{aligned}$$

$$(38) \quad \begin{aligned} ax - y &= -a \\ bx + 3y &= -b \end{aligned}$$

$$(39) \quad \begin{aligned} ax + 3y &= 2a \\ bx - y &= -b \end{aligned}$$

$$(40) \quad \begin{aligned} ax + by &= 3 \\ bx - ay &= 2 \end{aligned}$$