

Substituting into Equations

- (a) Given that $2x + y = 8$ and $x = 2$, find the value of y .
- (b) Given that $x + 4y = 19$ and $y = 4$, find the value of x .
- (c) Given that $x - 2y = 1$ and $y = 3$, find the value of x .
- (d) Given that $5x - y = 7$ and $x = 2$, find the value of y .

(a) $y = 4$

(b) $x = 3$

(c) $x = 7$

(d) $y = 3$

- (a) Given that $2x + 3y = 14$ and $x = 4$, find the value of y .
- (b) Given that $5x - 3y = 6$ and $y = 8$, find the value of y .
- (c) Given that $4x + 6y = 20$ and $y = 6$, find the value of y .
- (d) Given that $2x + 3y = 14$ and $x = -2$, find the value of y .

(a) $y = 2$

(b) $x = 6$

(c) $x = -4$

(d) $y = 6$

- (a) Given that $5x + 7y = 23$ and $x = -1$, find the value of y .
- (b) Given that $3x - 2y = 15$ and $y = -3$, find the value of y .
- (c) Given that $-2x + 5y = 12$ and $x = 1.5$, find the value of y .
- (d) Given that $6x + 3y = 6$ and $x = 2.5$, find the value of y .

(a) $y = 4$

(b) $x = 3$

(c) $y = 3$

(d) $y = -3$

- (a) Given that $3x + 2y = 12$ and $y = 4$, find the value of x .
- (b) Given that $x - 5y = 5$ and $x = 7$, find the value of y .
- (c) Given that $4x + 9y = -2$ and $y = -1$, find the value of x .
- (d) Given that $-3x - 7y = 2.5$ and $y = \frac{3}{2}$, find the value of x .

(a) $x = \frac{4}{3}$

(b) $y = \frac{2}{5}$

(c) $x = \frac{7}{4}$

(d) $x = -\frac{14}{3}$