

Solving One-Step Equations

Solve:

- (a) $x + 3 = 10$ (b) $5 + x = 12$
(c) $x + 7 = 9$ (d) $x + 3.5 = 7.5$
(e) $1.1 + x = 3$ (f) $27 = x + 12$
(g) $x + 7 = -2$ (h) $5.5 + x = 12.5$

- (a) $x = 7$ (b) $x = 7$
(c) $x = 2$ (d) $x = 4$
(e) $x = 1.9$ (f) $x = 15$
(g) $x = -9$ (h) $x = 7$

Solve:

- (a) $x - 2 = 7$ (b) $x - 4 = 1$
(c) $8 = x - 3$ (d) $x - 1.2 = 7$
(e) $6.5 = x - 1$ (f) $x - 42 = 73$
(g) $x - 3 = -7$ (h) $8.5 = x - 1.5$

- (a) $x = 9$ (b) $x = 5$
(c) $x = 11$ (d) $x = 8.2$
(e) $x = 7.5$ (f) $x = 115$
(g) $x = -4$ (h) $x = 10$

Solve:

- (a) $2x = 8$ (b) $6x = 18$
(c) $15 = 3x$ (d) $4x = -20$
(e) $2x = 4.8$ (f) $-45 = 9x$
(g) $5x = 3$ (h) $10x = 7$

- (a) $x = 4$ (b) $x = 3$
(c) $x = 5$ (d) $x = -5$
(e) $x = 2.4$ (f) $x = -5$
(g) $x = \frac{3}{5}$ (h) $x = \frac{7}{10}$

Solve:

- (a) $\frac{x}{3} = 12$ (b) $\frac{x}{7} = 2$
(c) $\frac{x}{5} = -1$ (d) $13 = \frac{x}{2}$
(e) $\frac{x}{8} = -5$ (f) $\frac{x}{6} = 1.5$
(g) $\frac{x}{10} = 0.6$ (h) $-2 = \frac{x}{6}$

- (a) $x = 36$ (b) $x = 14$
(c) $x = -5$ (d) $x = 26$
(e) $x = -40$ (f) $x = 9$
(g) $x = 6$ (h) $x = -12$

Solve:

- (a) $x - 8 = 15$ (b) $x - 2.5 = 7$
(c) $2x = 134$ (d) $0.5x = 4$
(e) $x + 3 = 9$ (f) $x + 0.3 = 1.7$
(g) $72 = 6x$ (h) $x + 6 = 1.5$
(i) $\frac{x}{2} = 6$ (j) $-40 = 5x$

- (a) $x = 23$ (b) $x = 9.5$
(c) $x = 68$ (d) $x = 8$
(e) $x = 6$ (f) $x = 1.4$
(g) $x = 12$ (h) $x = -4.5$
(i) $x = 12$ (j) $x = -8$