

**All lessons**

1. Solve each equation algebraically.

a) $x + 5 = 12$	b) $x - 4 = 10$	c) $3x = 15$
d) $\frac{x}{2} = 6$	e) $x - 7 = 2$	f) $5x = 20$

2. Use inverse operations to solve.

a) $2x + 3 = 11$	b) $4x - 2 = 14$	c) $\frac{x}{2} + 1 = 5$
d) $3x - 5 = 10$	e) $5x + 4 = 24$	f) $\frac{x}{3} - 2 = 1$

3. Check if the value of x satisfies the equation.

a) $x = 3$ $2x + 1 = 7$	b) $x = 5$ $4x - 2 = 18$	c) $x = 6$ $\frac{x}{2} + 2 = 5$
d) $x = 4$ $3x - 1 = 11$	e) $x = 7$ $x - 5 = 2$	f) $x = 2$ $5x + 1 = 11$

