

Solving 2-Step Equations

Solve using the opposite operations.

Solve for x : $4x + 6 = 10$

Subtract 6 from each side: $4x + 6 - 6 = 10 - 6$

$$4x = 4$$

Divide each side by 4: $\frac{4x}{4} = \frac{4}{4}$

$$x = 1$$

a) $2x + 2 = 14$

b) $5x + 25 = 50$

c) $2x - 5 = -15$

d) $2x - 24 = -12$

e) $5x - 25 = 50$

f) $3 - 4x = -17$