

Solving Equations with Adding and Subtracting

Solve using the opposite operation.

Solve for x : $x + 2 = 5$

Subtract 2 from each side: $x + 2 - 2 = 5 - 2$

$$x = 3$$

a) $x + 8 = 6$

b) $a + 4 = 4$

c) $6 + x = 8$

Solve for x : $x - 4 = 10$

Add 4 to each side: $x - 4 + 4 = 10 + 4$

$$x = 14$$

d) $x - 5 = 4$

e) $x - 5 = -10$

f) $-4 + x = -2$