

# Rearranging Equations

Answer Key

Make  $x$  the subject in each problem.

1)  $\frac{x}{s} = 2$

**$x = 2s$**

2)  $13 = c - 9w + x$

**$x = 13 - c + 9w$**

3)  $ax + u = 4$

**$x = \frac{4 - u}{a}$**

4)  $\frac{k - 5}{3x} = 11$

**$x = \frac{k - 5}{33}$**

5)  $7t + 5 = x - 14$

**$x = 7t + 19$**

6)  $\frac{3}{4}x = 6b + 12$

**$x = 16 + 8b$  or  $x = 8(2 + b)$**

7)  $8 = \frac{x}{n - m}$

**$x = 8n - 8m$  or  $x = 8(n - m)$**

8)  $7p + q - x = -10 + 7p$

**$x = 10 + q$**