

Rearranging Equations

Answer Key

Make x the subject in each problem.

1) $-ax + 2d = 0$

$$x = \frac{2d}{a}$$

2) $p^2 = 22r + x$

$$x = p^2 - 22r$$

3) $x + 4 = 7 + qz$

$$x = 3 + qz$$

4) $17 = \frac{s}{x}$

$$x = \frac{s}{17}$$

5) $\frac{5}{8}x = h$

$$x = \frac{8}{5}h$$

6) $-13mn = -7x$

$$x = \frac{13mn}{7}$$

7) $4x - t = a$

$$x = \frac{a+t}{4}$$

8) $0 = -19w - x + 1$

$$x = 1 - 19w$$