

Rearranging Equations

Answer Key

Make x the subject in each problem.

1) $\frac{1}{2}x = d + 6$

$x = 2d + 12$ or $x = 2(d + 6)$

2) $3 = \frac{x}{a - b}$

$x = 3a - 3b$ or $x = 3(a - b)$

3) $-m + n - x = \frac{5}{7}$

$x = n - m - \frac{5}{7}$

4) $ux = v$

$x = \frac{v}{u}$

5) $16h - w - x = 0$

$x = 16h - w$

6) $\frac{x}{g^3} = 1$

$x = g^3$

7) $2x - 9s = -4s + 7v$

$x = \frac{5s + 7v}{2}$

8) $4x = 3d$

$x = \frac{3}{4}d$