Name : _____

Rearranging Equations

T1ES1

Make x as the subject in each problem.

1) $4x - t = a$

2) $3 = \frac{x}{y - z}$

3) $\frac{x}{p^3} = 1$

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

5) $\frac{xd}{8} = c$

6) $-27s = -x - 10v$

7) $1 - 13w = 2h + x$

8) $kx + 2 = 3b$

9) $-z + y - x = \frac{5}{7}$

10) $5 = x - 21 + q$

11) $16r - t - x = 0$

12) $-9x - g = -27g$

Name : _____

Answer key

Rearranging Equations

T1ES1

Make x as the subject in each problem.

1) $4x - t = a$

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

2) $3 = \frac{x}{y - z}$

$x = 3(y - z)$

3) $\frac{x}{p^3} = 1$

$x = p^3$

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

$x = 2u + 12$

5) $\frac{xd}{8} = c$

$x = \frac{8c}{d}$

6) $-27s = -x - 10v$

$x = 27s - 10v$

7) $1 - 13w = 2h + x$

$x = 1 - 13w - 2h$

8) $kx + 2 = 3b$

$x = \frac{3b - 2}{k}$

9) $-z + y - x = \frac{5}{7}$

$x = y - z - \frac{5}{7}$

10) $5 = x - 21 + q$

$x = 26 - q$

11) $16r - t - x = 0$

$x = 16r - t$

12) $-9x - g = -27g$

$x = \frac{26g}{9}$