

Two-Step Equations: Decimals

Sheet 1

Solve each equation.

1) $0.4x + 2.9 = 1.5$

2) $\frac{v}{2.2} - 0.1 = 7.4$

3) $7 = \frac{a - 9.2}{3}$

4) $-1.3g + 1.9 = -11.1$

5) $-0.9p + 3.2 = -1.7p$

6) $-14.3 = -1.4 - 3d$

7) $14.2 = 2(-5.8 + t)$

8) $-10.6 = \frac{m + 11.7}{0.5}$

9) $\frac{k}{3.5} + 7.4 = 8$

10) $-5.1 - z = 6.5$

Answer Key**Two-Step Equations: Decimals**

Sheet 1

Solve each equation.

1) $0.4x + 2.9 = 1.5$

$x = -3.5$

2) $\frac{v}{2.2} - 0.1 = 7.4$

$v = 16.5$

3) $7 = \frac{a - 9.2}{3}$

$a = 30.2$

4) $-1.3g + 1.9 = -11.1$

$g = 10$

5) $-0.9p + 3.2 = -1.7p$

$p = -4$

6) $-14.3 = -1.4 - 3d$

$d = 4.3$

7) $14.2 = 2(-5.8 + t)$

$t = 12.9$

8) $-10.6 = \frac{m + 11.7}{0.5}$

$m = -17$

9) $\frac{k}{3.5} + 7.4 = 8$

$k = 2.1$

10) $-5.1 - z = 6.5$

$z = -11.6$