



## Two-step equations - decimals

Solve each equation.

1)  $-3.6k - 1.7 = 27.82$

2)  $-1.5 - 4.8p = -31.259$

3)  $\frac{n}{4.1} - 1.1 = -2.587$

4)  $\frac{x}{2.6} - 3.6 = -3.061$

5)  $3.9 - 2.22r = 16.864$

6)  $-0.6 + 4.9x = -20.2$

$$7) -2.6 + \frac{n}{3.24} = 0.455$$

$$8) 1.7 + \frac{m}{2} = 4.757$$

$$9) \frac{b}{2} - 0.3 = 1.55$$

$$10) -2.5 - 3.6x = 26.66$$

$$11) -0.1 + \frac{v}{4.1} = -0.563$$

$$12) -1.3n + 4.6 = -2.94$$

$$13) \frac{a}{4} + 4.8 = 4.825$$

$$14) 3.54 + 3.787x = 13.234$$

$$15) 5 + \frac{k}{3} = 3$$

$$16) 3.4 + 1.1n = 1.353$$

$$17) -4.9 + \frac{x}{2} = -0.95$$

$$18) -4.4 + \frac{k}{2} = 0.599$$

$$19) \frac{p}{4.1} - 4.3 = -3.373$$

$$20) -3.9 - 0.9n = 3.3$$

$$21) \frac{x}{3.9} - 1 = -1.589$$

$$22) -2.1m - 3.7 = -16.09$$

$$23) 3.1b + 1.4 = 7.289$$

$$24) \frac{r}{2.9} + 0.8 = 0.731$$

$$25) 1 + \frac{x}{5} = -0.28$$

$$26) 1.3 + \frac{n}{3.386} = 3.662$$

$$27) -1.7v - 4.8 = -11.022$$

$$28) 0.1 + \frac{x}{2.4} = 4.112$$

$$29) \frac{x}{2.9} + 1.9 = 3.244$$

$$30) 2.172 + \frac{a}{5} = 1.732$$

## Answers to Two-step equations - decimals

- |                         |                         |                         |                          |
|-------------------------|-------------------------|-------------------------|--------------------------|
| 1) $\{-8.2\}$           | 2) $\{6.19979166667\}$  | 3) $\{-6.0967\}$        | 4) $\{1.4014\}$          |
| 5) $\{-5.83963963964\}$ | 6) $\{-4\}$             | 7) $\{9.8982\}$         | 8) $\{6.114\}$           |
| 9) $\{3.7\}$            | 10) $\{-8.1\}$          | 11) $\{-1.8983\}$       | 12) $\{5.8\}$            |
| 13) $\{0.1\}$           | 14) $\{2.55980987589\}$ | 15) $\{-6\}$            | 16) $\{-1.86090909091\}$ |
| 17) $\{7.9\}$           | 18) $\{9.998\}$         | 19) $\{3.8007\}$        | 20) $\{-8\}$             |
| 21) $\{-2.2971\}$       | 22) $\{5.9\}$           | 23) $\{1.89967741935\}$ | 24) $\{-0.2001\}$        |
| 25) $\{-6.4\}$          | 26) $\{7.997732\}$      | 27) $\{3.66\}$          | 28) $\{9.6288\}$         |
| 29) $\{3.8976\}$        | 30) $\{-2.2\}$          |                         |                          |