



## Two-step equations - decimals

Solve each equation.

1)  $-9.1 + 1.7k = -3.83$

2)  $-0.3 - 7.6p = -26.14$

3)  $\frac{x}{3.2} + 8.5 = 13.25$

4)  $\frac{n}{7} - 2.4 = -4.285$

5)  $-0.137r - 5 = -4.849$

6)  $6.1x + 3.9 = 68.56$

$$7) 6.4 + 4.6m = -0.499$$

$$8) -10 - 2.3v = 3.109$$

$$9) \frac{n}{10} + 0.4 = -0.791$$

$$10) \frac{b}{5.4} + 1.15 = 1.818$$

$$11) 7.5 - 0.9n = -8.52$$

$$12) 8.3 - 3.48x = -12.579$$

$$13) -5.9 - 8.8x = -19.1$$

$$14) -3.8 + \frac{a}{5.1} = -0.25$$

$$15) 2.9 + 1.5x = 22.699$$

$$16) -0.5 + \frac{k}{9} = -1.644$$

$$17) -7.8n - 8.4 = -113.7$$

$$18) -7.3 - 3.7x = -12.92$$

$$19) -4.9n + 6.6 = -37.01$$

$$20) 7.4 + \frac{k}{3.677} = 3.347$$

$$21) 1.68 + \frac{p}{3} = 5.686$$

$$22) 5.9m - 4.8 = -119.259$$

$$23) -2.5n + 1.5 = -9.5$$

$$24) 8.3b - 9.9 = 123.73$$

$$25) \frac{r}{6.18} + 0.6 = -0.645$$

$$26) -7.3 + \frac{x}{6.5} = -6.684$$

$$27) 6.75v - 8.7 = -91.725$$

$$28) -7.3a - 0.3 = -26.142$$

$$29) 8.2 + \frac{x}{5.8} = 8.113$$

$$30) \frac{x}{9.7} - 3.2 = -3.22$$

## Answers to Two-step equations - decimals

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|---------------------|----------------------|---------------------|---------------------|
| 1) {3.1}            | 2) {3.4}             | 3) {15.2}           | 4) {-13.195}        |
| 5) {-1.10218978102} | 6) {10.6}            | 7) {-1.4997826087}  | 8) {-5.69956521739} |
| 9) {-11.91}         | 10) {3.6072}         | 11) {17.8}          | 12) {5.99971264368} |
| 13) {1.5}           | 14) {18.105}         | 15) {13.1993333333} | 16) {-10.296}       |
| 17) {13.5}          | 18) {1.51891891892}  | 19) {8.9}           | 20) {-14.902881}    |
| 21) {12.018}        | 22) {-19.3998305085} | 23) {4.4}           | 24) {16.1}          |
| 25) {-7.6941}       | 26) {4.004}          | 27) {-12.3}         | 28) {3.54}          |
| 29) {-0.5046}       | 30) {-0.194}         |                     |                     |