



Two-step equations - decimals

Solve each equation.

1) $14.7x - 11.9 = -329.419$

2) $17 - 17.3k = 632.88$

3) $6.4n + 4.8 = -65.6$

4) $-16 + \frac{p}{-19.5} = -14.723$

5) $\frac{m - 1.9}{-18.71} = 0.117$

6) $\frac{r + 10.69}{2.3} = 5.952$

$$7) \frac{x - 18.6}{15.3} = -0.326$$

$$8) -19.7 + \frac{n}{4.4} = -14.177$$

$$9) -6.1 + \frac{x}{6.5} = -4.513$$

$$10) 11.3 + \frac{v}{3.52} = 9.828$$

$$11) \frac{4.9 + b}{-10.42} = -3.819$$

$$12) 4.8 + 14.7k = -93.69$$

$$13) -8.8 + \frac{n}{17.8} = -9.957$$

$$14) -6.069 - 17a = 163.931$$

$$15) -1.9x + 9.4 = -18.339$$

$$16) 6.4x - 18.6 = 7$$

$$17) \frac{-10.2 + n}{16.2} = 0.925$$

$$18) \frac{16.5 + m}{11.5} = 3.921$$

$$19) \frac{x}{9.1} + 13.1 = 9.77$$

$$20) \frac{p - 15.5}{-5.6} = -4.232$$

$$21) 5.4 - 8.7r = 54.989$$

$$22) \frac{b}{-8.6} - 14.8 = -15.016$$

$$23) 14.7n - 18.6 = 103.41$$

$$24) \frac{-8.1 + n}{13.3} = -2.874$$

$$25) -16.1 + \frac{x}{5.1} = -15.119$$

$$26) 19.67 + 17.8b = 356.09$$

$$27) 9.5v + 17.14 = 298.34$$

$$28) \frac{1.2 + x}{3.1} = -12.483$$

$$29) \frac{-7.2 + x}{6.4} = -6.843$$

$$30) \frac{-15.5 + a}{-10.5} = 3.952$$

Answers to Two-step equations - decimals

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|--------------------------|--------------------|-------------------------|--------------------|
| 1) $\{-21.5999319728\}$ | 2) $\{-35.6\}$ | 3) $\{-11\}$ | 4) $\{-24.9015\}$ |
| 5) $\{-0.28907\}$ | 6) $\{2.9996\}$ | 7) $\{13.6122\}$ | 8) $\{24.3012\}$ |
| 9) $\{10.3155\}$ | 10) $\{-5.18144\}$ | 11) $\{34.89398\}$ | 12) $\{-6.7\}$ |
| 13) $\{-20.5946\}$ | 14) $\{-10\}$ | 15) $\{14.5994736842\}$ | 16) $\{4\}$ |
| 17) $\{25.185\}$ | 18) $\{28.5915\}$ | 19) $\{-30.303\}$ | 20) $\{39.1992\}$ |
| 21) $\{-5.69988505747\}$ | 22) $\{1.8576\}$ | 23) $\{8.3\}$ | 24) $\{-30.1242\}$ |
| 25) $\{5.0031\}$ | 26) $\{18.9\}$ | 27) $\{29.6\}$ | 28) $\{-39.8973\}$ |
| 29) $\{-36.5952\}$ | 30) $\{-25.996\}$ | | |