



Two-step equations - decimals

Solve each equation.

1) $-13.3p - 17.3 = -384.38$

2) $\frac{-5 + k}{8.5} = 2.27$

3) $-1.2 + \frac{n}{14.1} = -3.412$

4) $\frac{x + 6.63}{14.7} = 3.056$

5) $\frac{r}{2.4} + 14.8 = 7.633$

6) $2.8 + \frac{x}{14.9} = 2.357$

$$7) \frac{m + 1.8}{5.3} = -3.547$$

$$8) -1.5 + \frac{n}{18.4} = -3.078$$

$$9) 3.3x - 1.54 = 92.839$$

$$10) -5n + 11.5 = -184.5$$

$$11) 6.8 + 11.7v = 217.4$$

$$12) \frac{b}{3.8} + 17 = 13.434$$

$$13) -12.6 - 10.2k = 261.779$$

$$14) \frac{-13.3 + a}{16.8} = -2.589$$

$$15) \frac{x}{18.8} + 3.5 = 3.202$$

$$16) \frac{-18.6 + x}{6.1} = -5.721$$

$$17) 19.5 + \frac{m}{7.7} = 20.577$$

$$18) \frac{n + 4.9}{13.6} = 0.191$$

$$19) \frac{p}{2.3} - 9.259 = 5.901$$

$$20) \frac{x}{14.8} - 4.6 = -2.599$$

$$21) -16.6 + 11.7n = 368.329$$

$$22) 0.1 + 3.3m = -120.35$$

$$23) 6.4r - 11.9 = -177.66$$

$$24) -9.509x + 2.2 = 147.687$$

$$25) \frac{-10.2 + n}{7} = -3.171$$

$$26) \frac{-18.6 + b}{11.1} = -1.792$$

$$27) 8.1 + \frac{x}{6.1} = 11.362$$

$$28) \frac{13.2 + v}{14.5} = 1.551$$

$$29) -1.5 + \frac{a}{4.4} = 4.502$$

$$30) \frac{x + 18.9}{15.5} = 1.43$$

Answers to Two-step equations - decimals

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|----------------------|------------------------------------|---------------|----------------------|
| 1) {27.6} | 2) {24.295} | 3) {-31.1892} | 4) {38.2932} |
| 5) {-17.2008} | 6) {-6.6007} | 7) {-20.5991} | 8) {-29.0352} |
| 9) {28.5996969697} | 10) $\left\{\frac{196}{5}\right\}$ | 11) {18} | 12) {-13.5508} |
| 13) {-26.8999019608} | 14) {-30.1952} | 15) {-5.6024} | 16) {-16.2981} |
| 17) {8.2929} | 18) {-2.3024} | 19) {34.868} | 20) {29.6148} |
| 21) {32.8999145299} | 22) {-36.5} | 23) {-25.9} | 24) {-15.2999263855} |
| 25) {-11.997} | 26) {-1.2912} | 27) {19.8982} | 28) {9.2895} |
| 29) {26.4088} | 30) {3.265} | | |