



Solving proportions - decimals - decimals

Solve each proportion.

$$1) \frac{a}{3.6} = \frac{14.3}{5.3}$$

$$2) -\frac{14.6}{11.5} = \frac{x}{3.6}$$

$$3) -\frac{18.1}{11.7} = \frac{5.9}{k}$$

$$4) -\frac{14.87}{p} = -\frac{15.3}{13.5}$$

$$5) \frac{8.1}{x} = \frac{19.565}{19.6}$$

$$6) \frac{18.8}{n} = \frac{10.2}{8.6}$$

$$7) \frac{3.9}{18.7} = -\frac{16.8}{m}$$

$$8) \frac{5.5}{x} = -\frac{10.6}{1.9}$$

$$9) \frac{16.5}{9} = \frac{r}{10.236}$$

$$10) \frac{16.41}{15.5} = \frac{n}{17.5}$$

$$11) \frac{17.2}{4.1} = -\frac{2.7}{b}$$

$$12) -\frac{2.4}{11} = \frac{v}{14.8}$$

$$13) \frac{x}{10.6} = \frac{6.4}{4.8}$$

$$14) -\frac{17.1}{n} = -\frac{17.6}{18.7}$$

$$15) -\frac{7.7}{a} = \frac{12.98}{18.256}$$

$$16) \frac{7.5}{k} = \frac{15.6}{14.58}$$

$$17) \frac{x}{15.6} = \frac{19.3}{9.7}$$

$$18) -\frac{n}{4.3} = \frac{2.4}{16.3}$$

$$19) \frac{4.839}{10.8} = \frac{4.6}{x}$$

$$20) \frac{9.4}{1.5} = -\frac{12.5}{m}$$

$$21) \frac{15.89}{9.8} = \frac{p}{11.6}$$

$$22) \frac{9.6}{16.7} = -\frac{x}{15.3}$$

$$23) \frac{n}{9.4} = -\frac{6.9}{19.51}$$

$$24) \frac{4.3}{17.5} = -\frac{6.9}{b}$$

$$25) \frac{17.6}{17.1} = \frac{r}{6.5}$$

$$26) \frac{n}{14.4} = -\frac{19.8}{4.7}$$

$$27) \frac{14.7}{10.9} = \frac{x}{9.1}$$

$$28) \frac{2.9}{11.6} = -\frac{3}{v}$$

$$29) -\frac{11.4}{9.2} = \frac{a}{3.4}$$

$$30) -\frac{x}{19.7} = \frac{13.6}{15.8}$$

Answers to Solving proportions - decimals - decimals

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|-------------|--------------|--------------|--------------|
| 1) {9.71} | 2) {-4.57} | 3) {-3.81} | 4) {13.12} |
| 5) {8.11} | 6) {15.85} | 7) {-80.55} | 8) {-0.98} |
| 9) {18.76} | 10) {18.52} | 11) {-0.64} | 12) {-3.22} |
| 13) {14.13} | 14) {18.16} | 15) {-10.82} | 16) {7} |
| 17) {31.03} | 18) {-0.63} | 19) {10.26} | 20) {-1.99} |
| 21) {18.8} | 22) {-8.79} | 23) {-3.32} | 24) {-28.08} |
| 25) {6.69} | 26) {-60.66} | 27) {12.27} | 28) {-12} |
| 29) {-4.21} | 30) {-16.95} | | |