



## Solving proportions - decimals - decimals

Solve each proportion.

$$1) \frac{1.4}{x} = \frac{7.2}{2.1}$$

$$2) \frac{6.5}{p} = \frac{2.3}{1.5}$$

$$3) \frac{1.1}{4.2} = \frac{6.421}{a}$$

$$4) \frac{7.1}{k} = \frac{1.4}{2.03}$$

$$5) \frac{3.7}{x} = \frac{7.7}{2.2}$$

$$6) \frac{7.9}{m} = \frac{2.7}{2.14}$$

$$7) \frac{6.1}{5.9} = \frac{5.1}{n}$$

$$8) \frac{7.3}{r} = \frac{2.9}{3.1}$$

$$9) \frac{6.8}{6.79} = \frac{6.4}{x}$$

$$10) \frac{6.2}{3.8} = \frac{n}{4.39}$$

$$11) \frac{3.061}{2.39} = \frac{5.1}{b}$$

$$12) \frac{3.9}{8} = \frac{v}{4.6}$$

$$13) \frac{1.13}{3.9} = \frac{3.2}{x}$$

$$14) \frac{5.4}{3.9} = \frac{n}{6.7}$$

$$15) \frac{k}{2.6} = \frac{1.9}{7.7}$$

$$16) \frac{6.1}{2.3} = \frac{a}{7.6}$$

$$17) \frac{6.1}{1.1} = \frac{4.7}{x}$$

$$18) \frac{2.7}{3.3} = \frac{3.11}{7.5x}$$

$$19) \frac{7.798}{6.8} = \frac{n}{7}$$

$$20) \frac{3.74}{3.6} = \frac{m}{5.2}$$

$$21) \frac{5.267}{7.8} = \frac{x}{2.9}$$

$$22) \frac{p}{1.954} = \frac{4}{6}$$

$$23) \frac{7.1}{7} = \frac{7.8}{n}$$

$$24) \frac{4.9}{7.3} = \frac{3.5}{b}$$

$$25) \frac{4.3}{7.4} = \frac{6.4r}{3.9}$$

$$26) \frac{6.31}{2.8} = \frac{2.1}{x}$$

$$27) \frac{n}{4.9} = \frac{1.5}{4.97}$$

$$28) \frac{6.1}{4.3} = \frac{7.1}{b}$$

$$29) \frac{v}{7.2} = \frac{2.2}{4.5}$$

$$30) \frac{x}{2.9} = \frac{4.3}{3.7}$$

## Answers to Solving proportions - decimals - decimals

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|-------------|------------|------------|-------------|
| 1) {0.4}    | 2) {4.23}  | 3) {24.51} | 4) {10.29}  |
| 5) {1.05}   | 6) {6.26}  | 7) {4.93}  | 8) {7.8}    |
| 9) {6.39}   | 10) {7.16} | 11) {3.98} | 12) {2.24}  |
| 13) {11.04} | 14) {9.27} | 15) {0.64} | 16) {20.15} |
| 17) {0.84}  | 18) {0.5}  | 19) {8.02} | 20) {5.4}   |
| 21) {1.95}  | 22) {1.3}  | 23) {7.69} | 24) {5.21}  |
| 25) {0.35}  | 26) {0.93} | 27) {1.47} | 28) {5}     |
| 29) {3.52}  | 30) {3.37} |            |             |