



Solving proportions - integers - decimals

Solve each proportion.

$$1) \frac{k}{3} = \frac{7}{6}$$

$$2) \frac{8}{a} = \frac{11}{7}$$

$$3) -\frac{12}{3} = \frac{6}{p}$$

$$4) \frac{6}{10} = -\frac{x}{12}$$

$$5) \frac{3x}{12} = \frac{11}{10}$$

$$6) \frac{n}{11} = \frac{9}{6}$$

$$7) -\frac{m}{4} = -\frac{11}{12}$$

$$8) -\frac{7}{r} = \frac{11}{8}$$

$$9) \frac{5}{3} = \frac{8}{x}$$

$$10) \frac{5}{12v} = \frac{12}{9}$$

$$11) \frac{4}{n} = \frac{12}{10}$$

$$12) -\frac{x}{12} = \frac{4}{2}$$

$$13) \frac{9}{4} = \frac{6}{b}$$

$$14) -\frac{11}{n} = -\frac{5}{6}$$

$$15) \frac{5}{3} = \frac{9}{a}$$

$$16) \frac{9}{k} = -\frac{11}{10}$$

$$17) \frac{5}{6} = \frac{x}{5}$$

$$18) -\frac{x}{4} = \frac{5}{12}$$

$$19) \frac{4}{n} = \frac{3}{11}$$

$$20) \frac{m}{11} = -\frac{2}{6}$$

$$21) -\frac{2}{11} = -\frac{x}{10}$$

$$22) \frac{5}{10} = \frac{n}{6}$$

$$23) \frac{6}{p} = \frac{4}{10}$$

$$24) \frac{6}{4} = -\frac{m}{12}$$

$$25) -\frac{8}{10} = -\frac{r}{6}$$

$$26) -\frac{x}{3} = \frac{3}{5}$$

$$27) \frac{10}{2} = \frac{11}{b}$$

$$28) \frac{6}{n} = \frac{4}{3}$$

$$29) -\frac{11}{v} = \frac{5}{9}$$

$$30) -\frac{7}{11} = \frac{x}{12}$$

Answers to Solving proportions - integers - decimals

- | | | | |
|-------------|-------------|-------------|-------------|
| 1) {3.5} | 2) {5.09} | 3) {-1.5} | 4) {-7.2} |
| 5) {4.4} | 6) {16.5} | 7) {3.66} | 8) {-5.09} |
| 9) {4.8} | 10) {0.31} | 11) {3.33} | 12) {-24} |
| 13) {2.66} | 14) {13.2} | 15) {5.4} | 16) {-8.18} |
| 17) {4.16} | 18) {-1.66} | 19) {14.66} | 20) {-3.66} |
| 21) {1.81} | 22) {3} | 23) {15} | 24) {-18} |
| 25) {4.8} | 26) {-1.8} | 27) {2.2} | 28) {4.5} |
| 29) {-19.8} | 30) {-7.63} | | |