



Solving proportions - integers - fractions

Solve each proportion.

$$1) -\frac{19}{6} = \frac{5}{n}$$

$$2) \frac{v}{7} = -\frac{15}{8}$$

$$3) \frac{2}{13} = \frac{b}{20}$$

$$4) -\frac{19}{14} = \frac{x}{3}$$

$$5) -\frac{n}{14} = -\frac{7}{9}$$

$$6) \frac{3}{4} = \frac{a}{9}$$

$$7) \frac{10}{5} = \frac{7}{k}$$

$$8) -\frac{5}{3} = \frac{8}{p}$$

$$9) \frac{20}{x} = \frac{19}{3}$$

$$10) \frac{n}{4} = \frac{19}{6}$$

$$11) \frac{r}{17} = -\frac{4}{15}$$

$$12) \frac{20}{m} = \frac{4}{2}$$

$$13) \frac{2}{12} = \frac{20}{x}$$

$$14) \frac{16}{8} = -\frac{4}{n}$$

$$15) \frac{11}{3} = \frac{b}{11}$$

$$16) -\frac{5}{10} = -\frac{v}{6}$$

$$17) \frac{x}{2} = \frac{12}{17}$$

$$18) -\frac{17}{n} = \frac{6}{5}$$

$$19) \frac{20}{2} = \frac{a}{10}$$

$$20) \frac{18}{k} = \frac{8}{16}$$

$$21) \frac{15}{11} = \frac{2}{x}$$

$$22) -\frac{18}{17} = -\frac{x}{6}$$

$$23) -\frac{10}{3} = -\frac{n}{2}$$

$$24) \frac{k}{18} = -\frac{5}{16}$$

$$25) \frac{2}{12} = -\frac{p}{20}$$

$$26) \frac{9}{19} = \frac{4}{x}$$

$$27) \frac{14}{19} = -\frac{3}{n}$$

$$28) \frac{9}{r} = -\frac{15}{3}$$

$$29) \frac{13}{9} = \frac{x}{19}$$

$$30) \frac{8}{19} = \frac{14}{m}$$

Answers to Solving proportions - integers - fractions

1) $\left\{-\frac{30}{19}\right\}$

2) $\left\{-\frac{105}{8}\right\}$

3) $\left\{\frac{40}{13}\right\}$

4) $\left\{-\frac{57}{14}\right\}$

5) $\left\{\frac{98}{9}\right\}$

6) $\left\{\frac{27}{4}\right\}$

7) $\left\{\frac{7}{2}\right\}$

8) $\left\{-\frac{24}{5}\right\}$

9) $\left\{\frac{60}{19}\right\}$

10) $\left\{\frac{38}{3}\right\}$

11) $\left\{-\frac{68}{15}\right\}$

12) $\{10\}$

13) $\{120\}$

14) $\{-2\}$

15) $\left\{\frac{121}{3}\right\}$

16) $\{3\}$

17) $\left\{\frac{24}{17}\right\}$

18) $\left\{-\frac{85}{6}\right\}$

19) $\{100\}$

20) $\{36\}$

21) $\left\{\frac{22}{15}\right\}$

22) $\left\{\frac{108}{17}\right\}$

23) $\left\{\frac{20}{3}\right\}$

24) $\left\{-\frac{45}{8}\right\}$

25) $\left\{-\frac{10}{3}\right\}$

26) $\left\{\frac{76}{9}\right\}$

27) $\left\{-\frac{57}{14}\right\}$

28) $\left\{-\frac{9}{5}\right\}$

29) $\left\{\frac{247}{9}\right\}$

30) $\left\{\frac{133}{4}\right\}$