



MISSING VARIABLES

Name _____

Score _____

MD:37

Find the missing variable.

1) $\frac{4}{5} \div \frac{m}{20} = 1$

m = _____

2) $\frac{b}{4} \times \frac{7}{9} = \frac{7}{12}$

b = _____

3) $u \times \frac{5}{8} = \frac{1}{3}$

u = _____

4) $\frac{11}{n} \div \frac{55}{24} = \frac{3}{5}$

n = _____

5) $\frac{a}{6} \div \frac{1}{6} = 7$

a = _____

6) $\frac{5}{z} \times \frac{4}{2} = \frac{5}{3}$

z = _____

7) $\frac{10}{11} \times p = \frac{3}{5}$

p = _____

8) $y \div \frac{14}{3} = \frac{1}{4}$

y = _____

9) $2\frac{5}{12} \div 1\frac{14}{29} = d$

d = _____

10) $\frac{9}{13} \times \frac{k}{27} = 1\frac{1}{3}$

k = _____



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Answer key

MD:37

Find the missing variable.

1) $\frac{4}{5} \div \frac{m}{20} = 1$

m = 16

2) $\frac{b}{4} \times \frac{7}{9} = \frac{7}{12}$

b = 3

3) $u \times \frac{5}{8} = \frac{1}{3}$

u = $\frac{8}{15}$

4) $\frac{11}{n} \div \frac{55}{24} = \frac{3}{5}$

n = 8

5) $\frac{a}{6} \div \frac{1}{6} = 7$

a = 7

6) $\frac{5}{z} \times \frac{4}{2} = \frac{5}{3}$

z = 6

7) $\frac{10}{11} \times p = \frac{3}{5}$

p = $\frac{33}{50}$

8) $y \div \frac{14}{3} = \frac{1}{4}$

y = $1\frac{1}{6}$

9) $2\frac{5}{12} \div 1\frac{14}{29} = d$

d = $3\frac{7}{12}$

10) $\frac{9}{13} \times \frac{k}{27} = 1\frac{1}{3}$

k = 52