FIND THE MISSING VARIABLE

Name _____

Score _____

Divide the fractions below and reduce your answers to simplest form.

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 = _____

FIND THE MISSING VARIABLE

Name _____

Score _____

Answer key

Divide the fractions below and reduce your answers to simplest form.

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**