



MISSING VARIABLES

Name _____

Score _____

MD:38

Find the missing variable.

1) $\frac{3}{2} \times \frac{5}{4} = \frac{15}{v}$

v = _____

2) $\frac{x}{3} \times \frac{9}{10} = \frac{3}{2}$

x = _____

3) $\frac{b}{11} \div \frac{28}{77} = 1\frac{3}{4}$

b = _____

4) $u \div \frac{5}{7} = 1$

u = _____

5) $\frac{4}{5} \times \frac{2}{g} = \frac{8}{15}$

g = _____

6) $\frac{5}{8} \div \frac{q}{6} = \frac{3}{4}$

q = _____

7) $\frac{13}{15} \div \frac{1}{3} = w$

w = _____

8) $\frac{17}{8} \times c = 8\frac{1}{2}$

c = _____

9) $t \times \frac{15}{19} = \frac{2}{3}$

t = _____

10) $3\frac{2}{3} \div 2\frac{6}{8} = \frac{h}{3}$

h = _____



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Answer key

MD:38

Find the missing variable.

1) $\frac{3}{2} \times \frac{5}{4} = \frac{15}{v}$

v = 8

2) $\frac{x}{3} \times \frac{9}{10} = \frac{3}{2}$

x = 5

3) $\frac{b}{11} \div \frac{28}{77} = 1\frac{3}{4}$

b = 7

4) $u \div \frac{5}{7} = 1$

u = $\frac{5}{7}$

5) $\frac{4}{5} \times \frac{2}{g} = \frac{8}{15}$

g = 3

6) $\frac{5}{8} \div \frac{q}{6} = \frac{3}{4}$

q = 5

7) $\frac{13}{15} \div \frac{1}{3} = w$

w = $2\frac{3}{5}$

8) $\frac{17}{8} \times c = 8\frac{1}{2}$

c = 4

9) $t \times \frac{15}{19} = \frac{2}{3}$

t = $\frac{38}{45}$

10) $3\frac{2}{3} \div 2\frac{6}{8} = \frac{h}{3}$

h = 4