



FIND THE MISSING VARIABLE

Name _____

Score _____

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

1) $\frac{1}{h} \times \frac{3}{5} = \frac{3}{25}$

$h =$ _____

3) $\frac{16}{15} \div b = \frac{1}{2}$

$b =$ _____

5) $\frac{8}{7} \times \frac{7}{8} = v$

$v =$ _____

7) $m \times \frac{3}{4} = \frac{3}{20}$

$m =$ _____

9) $5\frac{1}{2} \div 2\frac{y}{4} = 2$

$y =$ _____

2) $\frac{8}{9} \div \frac{4}{3} = \frac{2}{g}$

$g =$ _____

4) $\frac{9}{8} \div \frac{9}{8} = k$

$k =$ _____

6) $\frac{u}{18} \div \frac{75}{36} = \frac{2}{5}$

$u =$ _____

8) $n \times \frac{11}{13} = \frac{22}{39}$

$n =$ _____

10) $1\frac{1}{5} \times 3\frac{1}{z} = 3\frac{4}{5}$

$z =$ _____



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Answer key

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

$$1) \quad \frac{1}{h} \times \frac{3}{5} = \frac{3}{25}$$

$$h = \underline{\quad 5 \quad}$$

$$3) \quad \frac{16}{15} \div b = \frac{1}{2}$$

$$b = \underline{\quad 2\frac{2}{15} \quad}$$

$$5) \quad \frac{8}{7} \times \frac{7}{8} = v$$

$$v = \underline{\quad 1 \quad}$$

$$7) \quad m \times \frac{3}{4} = \frac{3}{20}$$

$$m = \underline{\quad \frac{1}{5} \quad}$$

$$9) \quad 5\frac{1}{2} \div 2\frac{y}{4} = 2$$

$$y = \underline{\quad 3 \quad}$$

$$2) \quad \frac{8}{9} \div \frac{4}{3} = \frac{2}{g}$$

$$g = \underline{\quad 3 \quad}$$

$$4) \quad \frac{9}{8} \div \frac{9}{8} = k$$

$$k = \underline{\quad 1 \quad}$$

$$6) \quad \frac{u}{18} \div \frac{75}{36} = \frac{2}{5}$$

$$u = \underline{\quad 15 \quad}$$

$$8) \quad n \times \frac{11}{13} = \frac{22}{39}$$

$$n = \underline{\quad \frac{2}{3} \quad}$$

$$10) \quad 1\frac{1}{5} \times 3\frac{1}{z} = 3\frac{4}{5}$$

$$z = \underline{\quad 6 \quad}$$