



## Missing Denominator in Vertical Fractions

Grade 3

Name: \_\_\_\_\_

Find missing denominator. Use numerator's multiplication pattern.

**Example:**  $\frac{2}{3} = \frac{8}{\underline{\quad}}$  → Numerator:  $2 \times 4 = 8$ , so Denominator:  $3 \times 4 = 12$  → Answer: 12

(1)  $\frac{1}{5} = \frac{2}{\underline{\quad}}$

(2)  $\frac{1}{5} = \frac{3}{\underline{\quad}}$

(3)  $\frac{1}{2} = \frac{3}{\underline{\quad}}$

(4)  $\frac{1}{3} = \frac{2}{\underline{\quad}}$

(5)  $\frac{1}{2} = \frac{2}{\underline{\quad}}$

(6)  $\frac{1}{3} = \frac{3}{\underline{\quad}}$

(7)  $\frac{3}{5} = \frac{12}{\underline{\quad}}$

(8)  $\frac{2}{3} = \frac{6}{\underline{\quad}}$

(9)  $\frac{2}{3} = \frac{8}{\underline{\quad}}$

(10)  $\frac{1}{4} = \frac{4}{\underline{\quad}}$

(11)  $\frac{1}{5} = \frac{4}{\underline{\quad}}$

(12)  $\frac{2}{5} = \frac{8}{\underline{\quad}}$

