



Missing Denominator in Vertical Fractions

Grade 3

Name: _____

Find missing denominator. Use numerator's multiplication pattern.

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

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

(2) $\frac{4}{5} = \frac{12}{\quad}$

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

(4) $\frac{1}{6} = \frac{2}{\quad}$

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

(6) $\frac{1}{6} = \frac{4}{\quad}$

(7) $\frac{3}{4} = \frac{9}{\quad}$

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

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

(10) $\frac{4}{5} = \frac{16}{\quad}$

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

(12) $\frac{1}{2} = \frac{2}{\quad}$

