



Equivalent Fraction Chains (Vertical Fractions)

Grade 3

Name: _____

Complete chains. Find missing numbers using multiplication.

Example: $\frac{1}{2} = \frac{\quad}{4} = \frac{2}{\quad}$ → First blank: $1 \times 2 = 2$, Second blank: $2 \times 2 = 4$ → Answer: 2, 4

(1) $\frac{3}{4} = \frac{9}{\quad} = \frac{\quad}{20}$

(2) $\frac{1}{3} = \frac{5}{\quad} = \frac{\quad}{18}$

(3) $\frac{3}{4} = \frac{6}{\quad} = \frac{\quad}{24}$

(4) $\frac{1}{2} = \frac{2}{\quad} = \frac{\quad}{10}$

(5) $\frac{1}{3} = \frac{4}{\quad} = \frac{\quad}{6}$

(6) $\frac{1}{5} = \frac{2}{\quad} = \frac{\quad}{30}$

(7) $\frac{1}{3} = \frac{4}{\quad} = \frac{\quad}{12}$

(8) $\frac{1}{5} = \frac{3}{\quad} = \frac{\quad}{10}$

(9) $\frac{1}{4} = \frac{2}{\quad} = \frac{\quad}{24}$

(10) $\frac{3}{5} = \frac{12}{\quad} = \frac{\quad}{10}$

(11) $\frac{2}{5} = \frac{10}{\quad} = \frac{\quad}{25}$

(12) $\frac{2}{5} = \frac{10}{\quad} = \frac{\quad}{15}$

