



Seatwork: Equivalent Fraction

Example: $\frac{3}{15} = \frac{n}{5}$

Step 1: Cross multiply.

$$\begin{array}{rcl} (3) \times (5) & = & (15) \times (n) \\ 15 & = & 15n \end{array}$$

Step 2: Divide both sides by the number attached to n.

$$\begin{array}{rcl} \frac{15}{15} & = & \frac{15n}{15} \\ 1 & = & n \end{array}$$

Therefore,

$$\frac{3}{15} = \frac{1}{5}$$

Direction: Get the equivalent fraction of the following. Write your answer on the textbox.

1) $\frac{3}{5} = \frac{\quad}{15}$

6) $\frac{2}{4} = \frac{8}{\quad}$

2) $\frac{2}{4} = \frac{8}{\quad}$

7) $\frac{5}{7} = \frac{\quad}{14}$

3) $\frac{2}{7} = \frac{22}{\quad}$

8) $\frac{4}{27} = \frac{\quad}{9}$

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

9) $\frac{8}{12} = \frac{\quad}{4}$

5) $\frac{3}{4} = \frac{\quad}{16}$

10) $\frac{3}{4} = \frac{9}{\quad}$