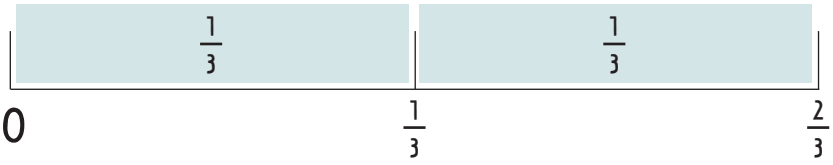
# ILLUSTRATING WHOLE NUMBER BY FRACTION PRODUCTS

A number line is a great way to Illustrate fractions as a product of a whole number and a fraction. Using a three step process, it's easy and fun!

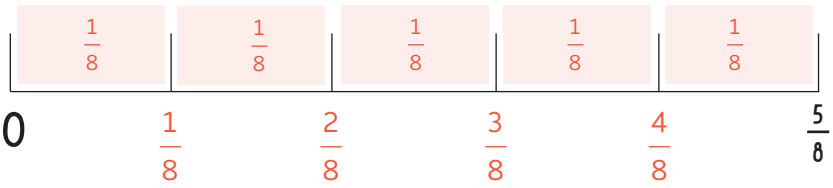
**EXAMPLE:** $\frac{2}{3}$




$2 \times \frac{1}{3} = \frac{2}{3}$

$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$

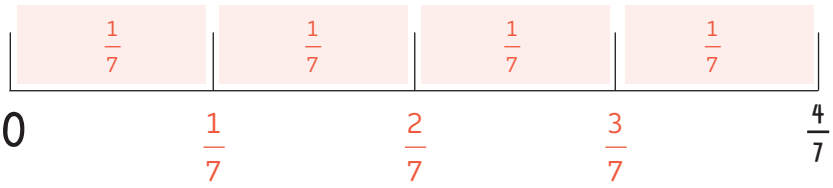
**1.** $\frac{5}{8}$




$5 \times \frac{1}{8} = \frac{5}{8}$

$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} = \frac{5}{8}$

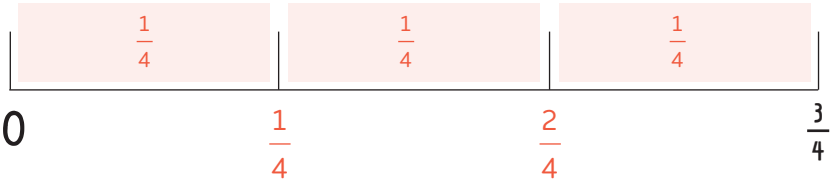
**2.** $\frac{4}{7}$




$4 \times \frac{1}{7} = \frac{4}{7}$

$\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} = \frac{4}{7}$

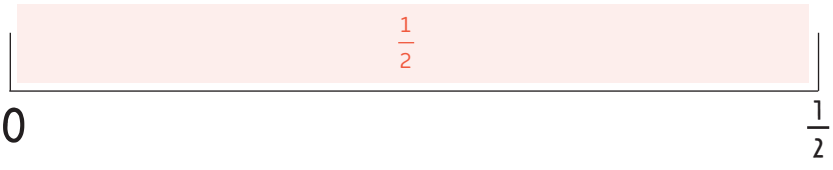
**3.** $\frac{3}{4}$




$3 \times \frac{1}{4} = \frac{3}{4}$

$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$

**4.** $\frac{1}{2}$




$1 \times \frac{1}{2} = \frac{1}{2}$

$\frac{1}{2} = \frac{1}{2}$

**TAKE A CLOSER LOOK!** What would be the number sentences for $\frac{1}{7}$ and $\frac{2}{7}$ if each were a product of a whole number and a fraction?

$1 \times \frac{1}{7} = \frac{1}{7}$ and $2 \times \frac{1}{7} = \frac{2}{7}$