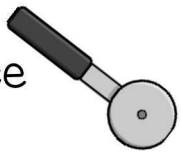
# Discover Equivalent Fractions

Equivalent Fractions are the _____ of one whole, but one fraction is cut into _____.

One half of each figure below is shaded. Use **horizontal lines** to cut each part into the number of pieces named. Name the new fraction you create.

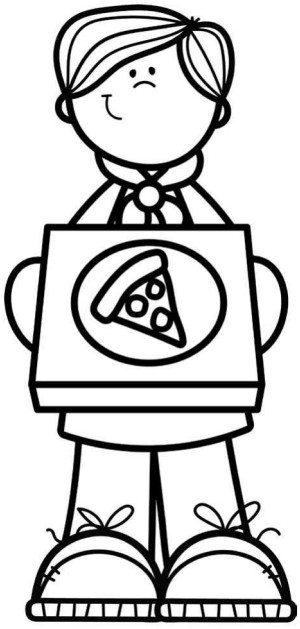
Cut each piece into 2 pieces.



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

Cut each piece into 3 pieces.

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



Cut each piece into 4 pieces.

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

Cut each piece into 5 pieces.

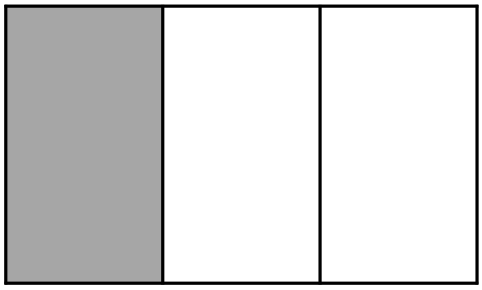
$\frac{1}{2} = \frac{\quad}{\quad}$

# Patterns With Equivalent Fractions

One third of each figure below is shaded. Use horizontal lines to cut each rectangle in the number of pieces named. Name the new fraction you create.

When you "cut" each part into more pieces, you are _____ the numerator and denominator by that number.

Cut each piece into **2** pieces.

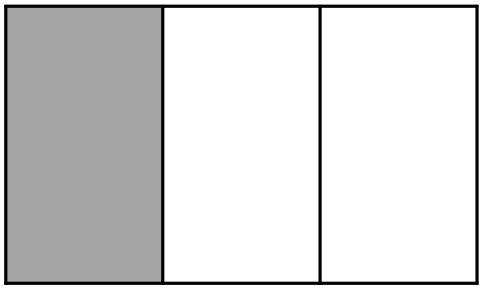


$\frac{1}{3} \times \frac{\_}{\_} = \frac{\_}{\_}$

Cut each piece into **3** pieces.

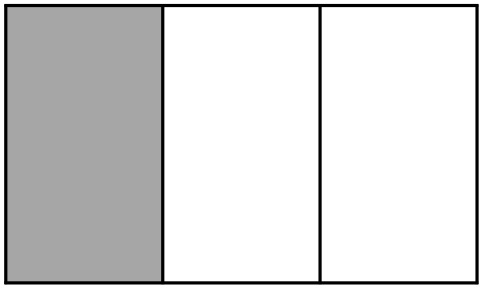
$\frac{1}{3} \times \frac{\_}{\_} = \frac{\_}{\_}$

Cut each piece into **4** pieces.



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

Cut each piece into **5** pieces.



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

Multiplying the numerator and denominator by the same number creates an _____.