Equivalent Fractions Step Sheet

## How to Show a Fraction using an Area Model

$\frac{2}{3}$ ⟸ How many parts shaded- Numerator

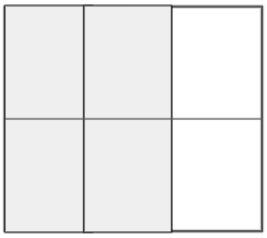
⟸ How many total parts- Denominator

1. Draw a rectangle.
2. Look at the denominator to know how many equal parts to draw.
3. Look at the numerator to know how many parts to shade.

## How to Show/Make an Equivalent Fraction using an Area Model

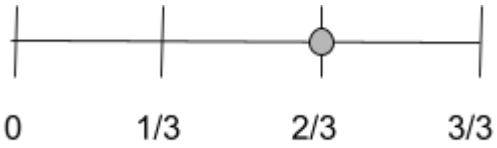
1. Show the starting fraction with an area model.
2. Increase the total number of parts by drawing new lines on your area model.
   - 2 times as many- split model in half
   - 3 times as many- split model in thirds
   - 4 times as many- split model in half, then half again
3. Write the new parts shaded as the numerator; new total number of parts as the denominator.

$$\frac{2}{3} = \frac{4}{6}$$



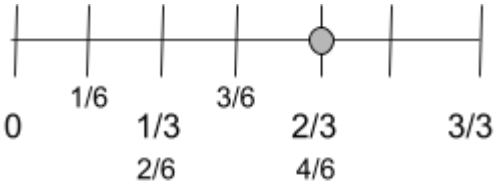
## How to Show/Make an Equivalent Fraction using a Number Line

1. Look at the denominator to know the unit of measurement for the number line.
Ex. $\frac{2}{3}$ unit of measurement is thirds




2. Mark the starting fraction on the number line.

3. Increase the total number of parts by drawing new lines on your number line.
   - Example- 2 times as many- split each part in half




4. Count new number of parts to know new unit of measurement. Write in new fractions.

5. Write the equivalent fraction that is at the same point on the number line.