

# Equivalent Fractions to Decimals

**Reminder:** To change a fraction to a decimal, the denominator must be 10 or 100 in 4<sup>th</sup> grade.

Example - What decimal represents  $\frac{1}{2}$  ?

**Steps:**

1. Make equivalent fractions. Use an e-chart. Look for a denominator of 10 or 100.

1	2	3	4	5
2	4	6	8	10

These fractions are on the same e-chart so they are equivalent.

2. Use place value or the lollipop strategy to change a fraction to a decimal.

$$\frac{5}{10} = \frac{5}{10} = .\underline{5}$$

tenths

$$\frac{5}{10} = .5$$

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Example – What decimal is represented by the shaded part?

1. Label the fraction.
2. Make equivalent fraction using an e-chart.

3	6	9
5	10	15



$\frac{3}{5}$

3. Use place value or lollipop strategy to change  $\frac{3}{5}$  to a decimal.

$$\frac{3}{5} = \frac{6}{10}$$

$$\frac{6}{10} = \frac{6}{10} = .\underline{6}$$

tenths