

Name \_\_\_\_\_

Date \_\_\_\_\_

## Reciprocals - Guided Lesson Explanation

As the picture indicates, reciprocals are the result of flipping the numerator and denominator.

Normal Fraction:  $\frac{\textit{numerator}}{\textit{denominator}}$

Reciprocal of that fraction:  $\frac{\textit{denominator}}{\textit{numerator}}$

### Explanation#1

Flipping  $\frac{1}{5}$  results in  $\frac{5}{1} = 5$

### Explanation#2

$\frac{5}{9}$  flipped results in  $\frac{9}{5}$

### Explanation#3

Step 1) Rewrite the mixed number as an improper fraction.

$$2\frac{1}{5} = \frac{11}{5}$$

Step 2) Flipping the improper fraction results in  $\frac{5}{11}$

