Name _____

Rename Fractions and Mixed Numbers

A **mixed number** is made up of a whole number and a fraction. You can use multiplication and addition to rename a mixed number as a fraction greater than 1.

Rename $2\frac{5}{6}$ as a fraction.

First, multiply the denominator, or the number of parts in the whole, by the whole number.

$6 \times 2 = 12$

Then, add the numerator to your product.

$12 + 5 = 17$

So, $2\frac{5}{6} = \frac{17}{6}$.

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17: total number of parts

6: number of parts in the whole

You can use division to write a fraction greater than 1 as a mixed number.

Rename $\frac{16}{3}$ as a mixed number.

To rename $\frac{16}{3}$ as a mixed number, divide the numerator by the denominator.

Use the quotient and remainder to write a mixed number.

So, $\frac{16}{3} = 5\frac{1}{3}$.

$$\begin{array}{r} 5 \\ 3\overline{)16} \\ -\,15 \\ \hline 1 \end{array}$$

Write the mixed number as a fraction.

1. $3\frac{2}{3} =$ _____ **2.** $4\frac{3}{5} =$ _____ **3.** $4\frac{3}{8} =$ _____ **4.** $2\frac{1}{6} =$ _____

Write the fraction as a mixed number.

5. $\frac{32}{5} =$ _____ **6.** $\frac{19}{3} =$ _____ **7.** $\frac{15}{4} =$ _____ **8.** $\frac{51}{10} =$ _____