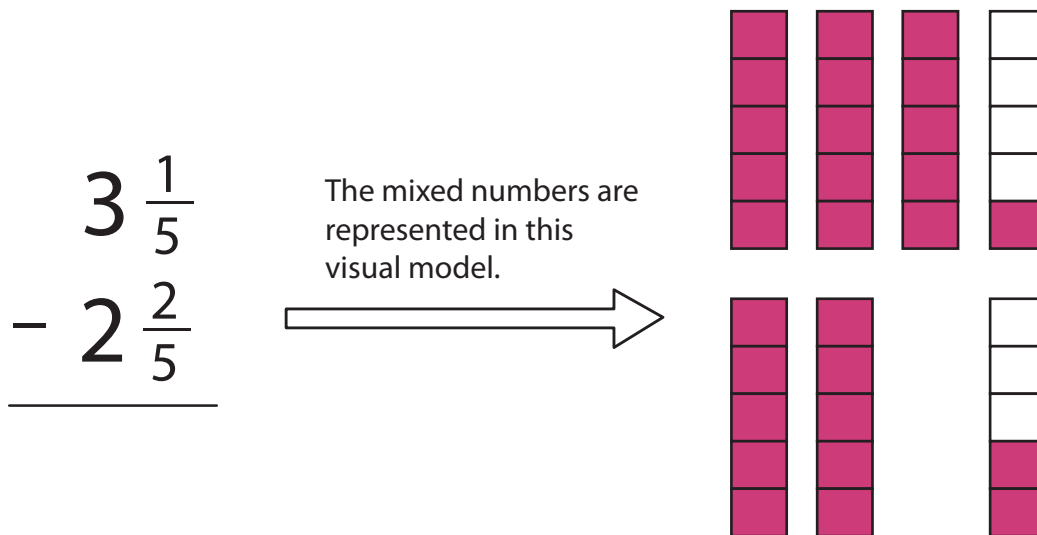


# Mixed Fraction Subtraction with Like Denominators: Regrouping

Let's take a close look at an example! The following steps will show you how to find the difference of two mixed numbers with regrouping. The visuals will help you "see" this problem.



Step 1 : Decompose the largest mixed number.

$$3\frac{1}{5} = 1 + 1 + 1 + \frac{1}{5}$$

Step 2 : Rename one of the wholes into a fraction.

$$1 + 1 + \cancel{1} + \frac{1}{5}$$

$$\downarrow$$

$$1 + 1 + \frac{5}{5} + \frac{1}{5}$$

Step 3 : Add together new wholes and fractions.

$$1 + 1 + \frac{5}{5} + \frac{1}{5} = 2\frac{6}{5}$$

Step 4 : Use the renamed mixed number to find the difference.

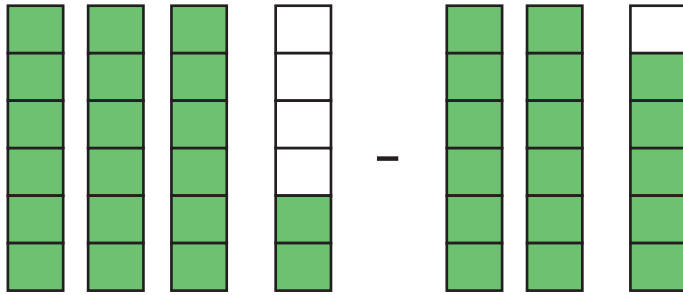
$$\begin{array}{r} 2\frac{6}{5} \\ - 2\frac{2}{5} \\ \hline \frac{4}{5} \end{array}$$

The difference (answer to this subtraction problem) is  $\frac{4}{5}$ !

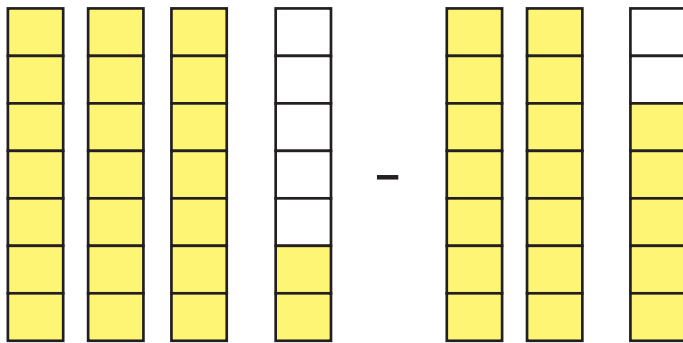


# Mixed Fraction Subtraction with Like Denominators: Regrouping

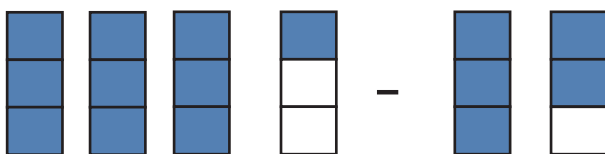
Directions: Subtract the following mixed numbers.



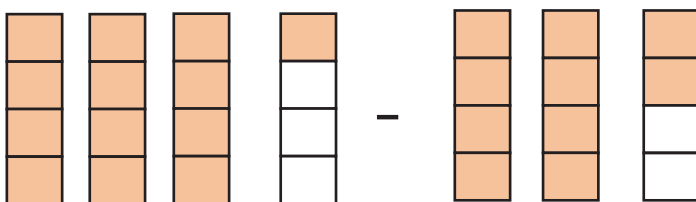
$$3 \frac{2}{6} - 2 \frac{5}{6} = \boxed{\phantom{00}}$$



$$3 \frac{2}{7} - 2 \frac{5}{7} = \boxed{\phantom{00}}$$



$$3 \frac{1}{3} - 1 \frac{2}{3} = \boxed{\phantom{00}}$$



$$3 \frac{1}{4} - 2 \frac{2}{4} = \boxed{\phantom{00}}$$