

Activity 2.3

November 4, 2013

Activity 2.3

Warm Up

For use before Activity 2.3

$$\begin{array}{r} 7 \\ 19 \\ \hline 9 \overline{) 162} \\ \underline{18} \\ 7 \end{array}$$

Write the improper fraction as a mixed number.

1. $\frac{12}{5}$ $\begin{array}{r} 2 \frac{2}{5} \\ 5 \overline{) 12} \\ \underline{10} \\ 2 \end{array}$ $\begin{array}{r} 4 \frac{1}{2} \\ 4 \overline{) 20} \\ \underline{16} \\ 4 \end{array}$

2. $\frac{21}{4}$ $\begin{array}{r} 5 \frac{1}{4} \\ 4 \overline{) 21} \\ \underline{20} \\ 1 \end{array}$

3. $\frac{16}{9}$

4. $\frac{27}{6}$ $\begin{array}{r} 4 \frac{3}{2} \\ 6 \overline{) 27} \\ \underline{24} \\ 3 \end{array}$

5. $\frac{80}{3}$ $\begin{array}{r} 26 \frac{2}{3} \\ 3 \overline{) 80} \\ \underline{78} \\ 2 \end{array}$

6. $\frac{55}{9}$ $\begin{array}{r} 6 \frac{1}{9} \\ 9 \overline{) 55} \\ \underline{54} \\ 1 \end{array}$

Essential Question

How can you divide by a mixed number?

Lesson Target

To be able to:

- use a visual model to divide with mixed numbers.

Self-Evaluation Rubric

Score	Description
4	I can teach other students how to use a visual model to divide by with mixed numbers.
3	I can use a visual model to divide by with mixed numbers.
2	I recognize a visual model to divide by with mixed numbers.
1	I do not know how to use a visual model to divide by with mixed numbers.

Activity 1

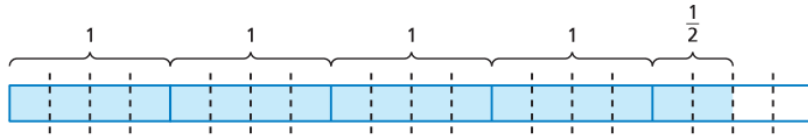
With a partner, complete Activity 1 on page 39 & 40 in your Big Ideas Record and Practice Journal.

Activity2

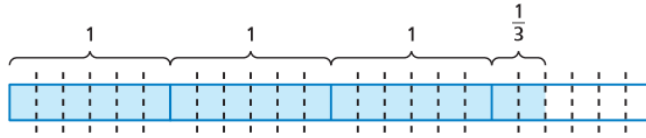
With a partner, complete Activity 2 on page 40 & 41 in your Big Ideas Record and Practice Journal.

November 4, 2013 Period 3 Activity 2.3

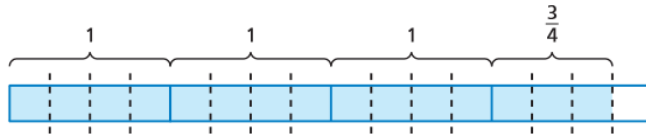
- a. How many three-fourths are in four and one-half?



- b. How many five-sixths are in three and one-third?



- c. How many three-eighths are in three and three-fourths?



- d. How many one and one-halves are in six?
- e. How many one and one-fifths are in five?
- f. How many one and one-fourths are in four and one-half?
- g. How many two and one-thirds are in five and five-sixths?

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Homework

Big Ideas Text Book

(Online)

Page 75

Numbers 41 - 45

