Warm Up

1.
$$\frac{5}{6} \times \frac{1}{2}$$

5.
$$\frac{7}{9} \times \frac{1}{2}$$

9.
$$\frac{1}{2} \times \frac{1}{3}$$

2.
$$\frac{4}{9} \times \frac{2}{3}$$

6.
$$\frac{5}{11} \times \frac{1}{3}$$

10.
$$\frac{1}{8} \times \frac{1}{4}$$

Warm Up Answers

1.
$$\frac{5}{6} \times \frac{1}{2}$$

= $\frac{5}{12}$

5.
$$\frac{7}{9} \times \frac{1}{2}$$

$$= \frac{7}{18}$$

9.
$$\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$$

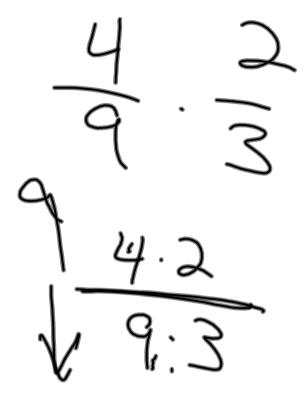
2.
$$\frac{4}{9} \times \frac{2}{3} = \frac{8}{27}$$

6.
$$\frac{5}{11} \times \frac{1}{3}$$

= $\frac{5}{33}$

10.
$$\frac{1}{8} \times \frac{1}{4}$$

= $\frac{1}{32}$



9.3

Lesson 2.3 November 3, 2014

Essential Question:

How can you model division by a mixed number?

Lesson 2.3

November 3, 2014

Lesson Objective:

Students will be able to:

use a model and a formal rule to divide with mixed numbers.

Self-Evaluation Scale

Score	Description
4	I can teach other students how to use a model and a formal rule to divide with mixed numbers.
3	I can use a model and a formal rule to divide with mixed numbers.
2	I recognize, but still need help to use a model and a formal rule to divide with mixed numbers.
1	I do not know how to use a model and a formal rule to divide with mixed numbers.

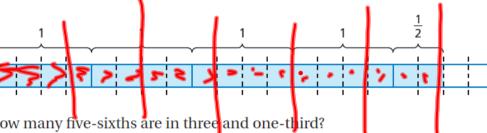
Activity 1 & 2

With a partner, work on Activity I & 2 on pages 39 & 40 of your Big Ideas Record and Practice Journal.

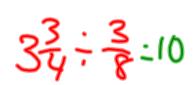
ACTIVITY: Dividing Mixed Numbers

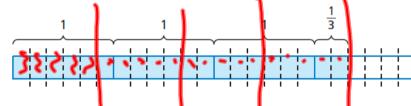
Work with a partner. Write the division problem and solve it using a model.

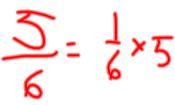
a. How many three-fourths are in four and one-half?

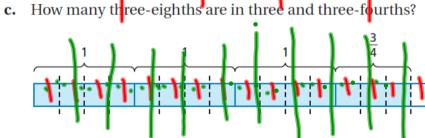


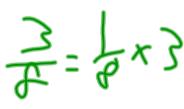
How many five-sixths are in three and one-third?











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

November 3, 2014 Period 3 Lesson 2.3