Lesson 5 Practice Problems

1. Use the tape diagram to find the value of $\frac{1}{2} \div \frac{1}{3}$. Show your reasoning.

$$\frac{1}{2}$$
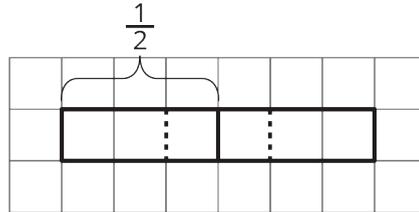
2. What is the value of $\frac{1}{2} \div \frac{1}{3}$? Use pattern blocks to represent and find this value. The yellow hexagon represents 1 whole. Explain or show your reasoning.
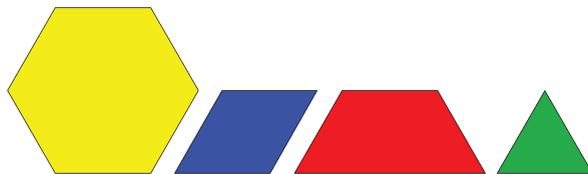
3. Use a standard inch ruler to answer each question. Then, write a multiplication equation and a division equation that answer the question.

   a. How many $\frac{1}{2}$s are in 7?

   b. How many $\frac{3}{8}$s are in 6?

   c. How many $\frac{5}{16}$s are in $1\frac{7}{8}$?
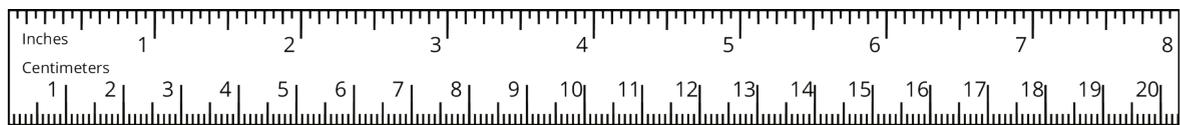
4. Use the tape diagram to answer the question: How many $\frac{2}{5}$s are in $1\frac{1}{2}$? Show your reasoning.

$$1\frac{1}{2}$$
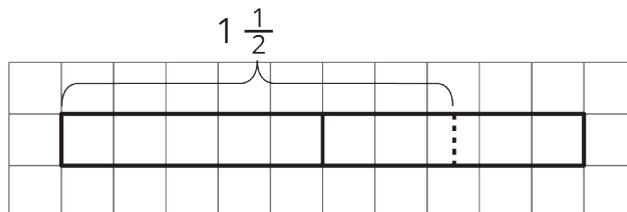
5. Write a multiplication equation and a division equation to represent each sentence or diagram.

   a. There are 12 fourths in 3.

   b.
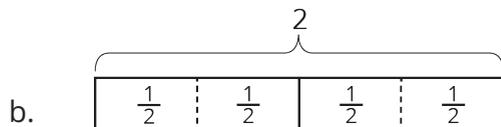
   c. How many $\frac{2}{3}$s are in 6?

   d.
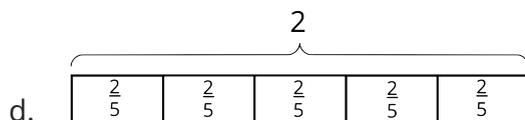
   (From Unit 4, Lesson 4.)

6. At a farmer's market, two vendors sell fresh milk. One vendor sells 2 liters for $3.80, and another vendor sells 1.5 liters for $2.70. Which is the better deal? Explain your reasoning.

   (From Unit 3, Lesson 5.)

7. A recipe uses 5 cups of flour for every 2 cups of sugar.

   a. How much sugar is used for 1 cup of flour?

   b. How much flour is used for 1 cup of sugar?

   c. How much flour is used with 7 cups of sugar?

   d. How much sugar is used with 6 cups of flour?

   (From Unit 3, Lesson 6.)

Grade 6 Unit 4

Lesson 5

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