Name_____Date_____#_____

Math Test
Module 5 Topic D
Lessons 14-19

Lesson 14

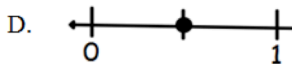1. Tyler wants to share $1 (100 cents) equally with 9 other friends.
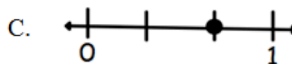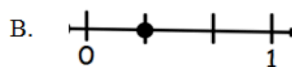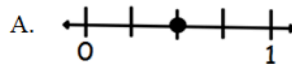
a. What fraction of a dollar will each friend receive?

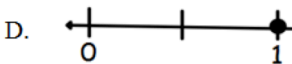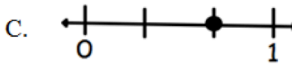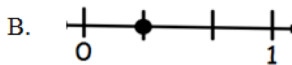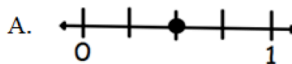b. How much money will each friend receive?

2. A piece of yarn is 1 yard long. Mrs. Jackson wants to cut the yarn making each piece $\frac{1}{6}$ of a yard. Draw and label a number line from 0 to 1 yard to show where Mrs. Jackson will cut the yarn. Label all of the fractions including 0 sixths and 6 sixths. Label 0 yards and 1 yard also.

Lesson 15

3. Bobby covered $\frac{2}{3}$ of a cupcake with frosting. He marked a point on a number line to show how much of the cupcake he covered with frosting. Which number line shows the point Bobby marked?
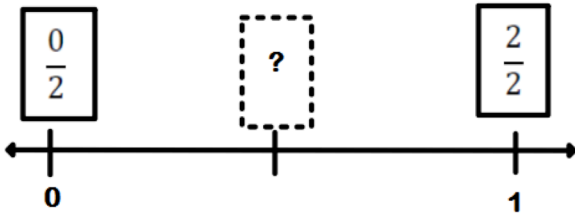
A.

B.

C.

D.

4. Reagan ate $\frac{2}{4}$ of a candy bar. She marked a point on a number line to show how much of the candy bar that she ate. Which number line shows the point Reagan marked?
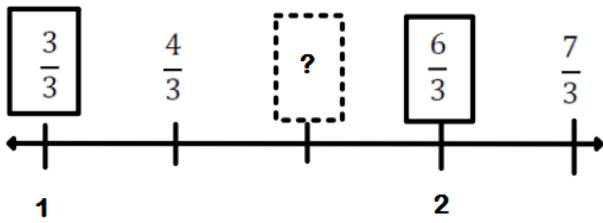
A.

B.

C.

D.

Lesson 16

5. Which Fraction will correctly complete the number line below?

$$\frac{0}{2} \qquad ? \qquad \frac{2}{2}$$

0   1

A. $\frac{1}{1}$ B. $\frac{1}{2}$ C. $\frac{1}{3}$ D. $\frac{1}{4}$

6. Which fraction will correctly complete the number line below?

$$\frac{3}{3} \qquad \frac{4}{3} \qquad ? \qquad \frac{6}{3} \qquad \frac{7}{3}$$

1   2

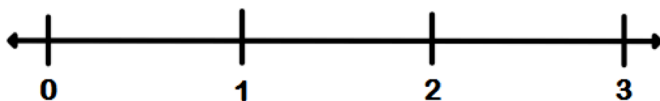A. $\frac{1}{3}$ B. $\frac{2}{3}$ C. $\frac{5}{3}$ D. $\frac{8}{3}$

Lesson 17

In math class, students measured the lengths of their pencils. Jenna's measured $\frac{5}{4}$ inches long. Craig's pencil was 2 inches long. Riley's pencil is $\frac{9}{4}$ inches long.
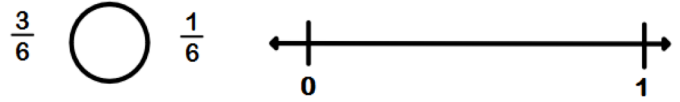
7. Whose pencil is longer?
A. Jenna's pencil   C. Craig's pencil
B. Riley's pencil   D. They are all the same size

8. Complete the number line below to help prove your answer.

0   1   2   3

Lesson 18

9. Place the two fractions on the number line. Circle the fraction with the distance closest to 0. Then compare using >, <, or =.

$\frac{3}{6}$ ◯ $\frac{1}{6}$

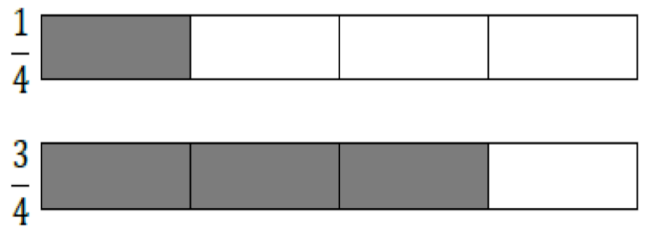0   1

10. Josh and Sidney were making rope at camp. Josh's rope was $\frac{9}{10}$ m and Sidney's rope was $\frac{10}{9}$ m. Whose rope was the shortest? Draw a number line to help you solve.

A. Josh's rope   C. They are the same size.
B. Sidney's rope   D. There is no way to tell.

Lesson 19

11. Examine the area models below.

$\frac{1}{4}$

$\frac{3}{4}$

What do they show? Compare using >, <, or =.

$\frac{1}{4}$ ◯ $\frac{3}{4}$

12. Compare using >, <, or =.

3 ◯ $\frac{6}{4}$