

TEST NAME: **Fraction Practice Allman**
TEST ID: **1631774**
GRADE: **03 - Third Grade**
SUBJECT: **Mathematics**
TEST CATEGORY: **My Classroom**

Student: _____
Class: _____
Date: _____

1. Jerry's family is helping to clean up trash for one mile along the highway. They plan to split the job up equally over 4 days.

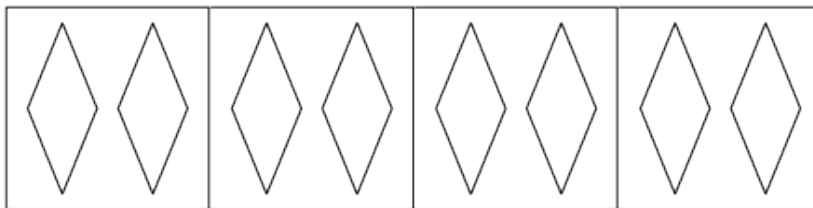
A. Mark off lengths on this number line to show what fraction of the highway they will clean each day.



B. Plot a point on the number line to show what fraction will be cleaned at the end of 2 days if the family follows their plan. Which fraction names that point?

Use words, numbers, and/or pictures to show your work.

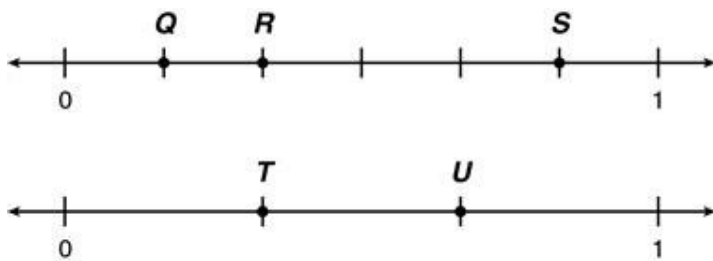
2. Maria drew 8 shapes in the boxes below.



How many shapes does she need to color to represent one-fourth?

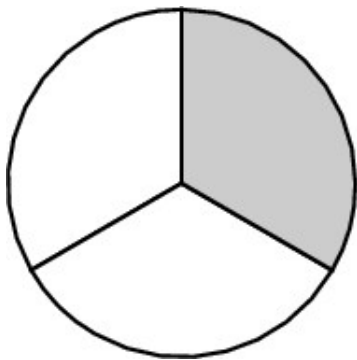
- A. 1
- B. 2
- C. 4
- D. 6

3. Two number lines are shown below.



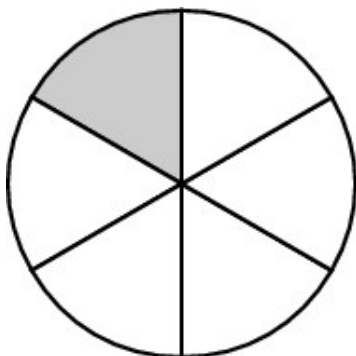
Which two points best represent equal fractions?

- A. Point Q and Point T
 - B. Point S and Point U
 - C. Point R and Point U
 - D. Point R and Point T
4. This circle is shaded to show a fraction.

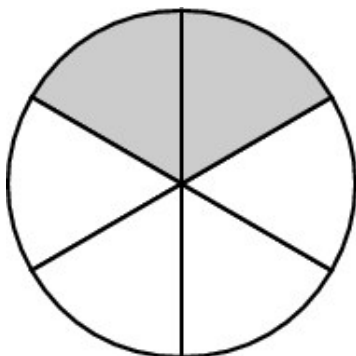


Which of these circles is shaded to show an equivalent fraction?

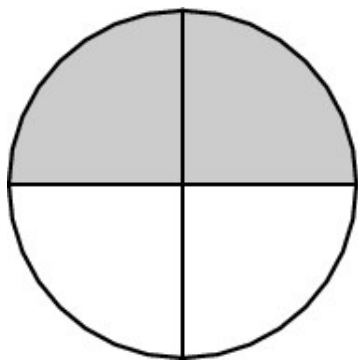
A.



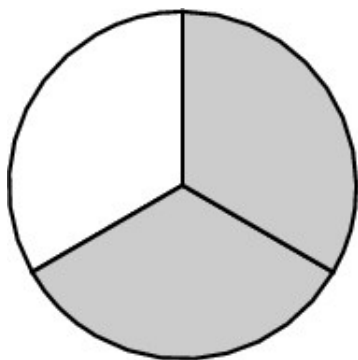
B.



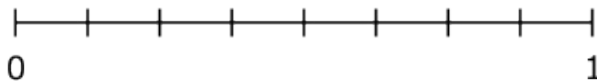
C.



D.

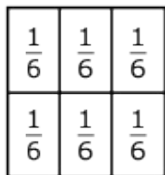


5. Mrs. Emerson drew the number line below on the board. The students drew pictures to model the number line.

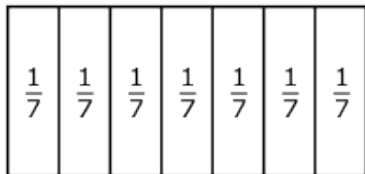


Which picture represents the number line?

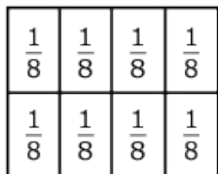
A.



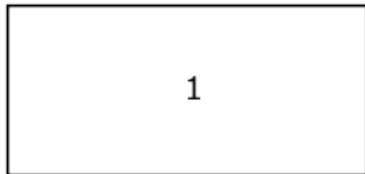
B.



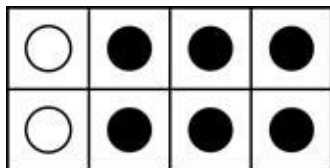
C.



D.



6. A group of circles is shown below.



Which number sentence represents the part of the group of circles that is shaded?

- A. $\frac{1}{4} = \frac{6}{8}$
- B. $\frac{3}{4} = \frac{6}{8}$
- C. $\frac{6}{8} = \frac{2}{8}$
- D. $\frac{1}{4} = \frac{3}{4}$

7. What is the interval between each point on the number line below?



A. $\frac{1}{4}$

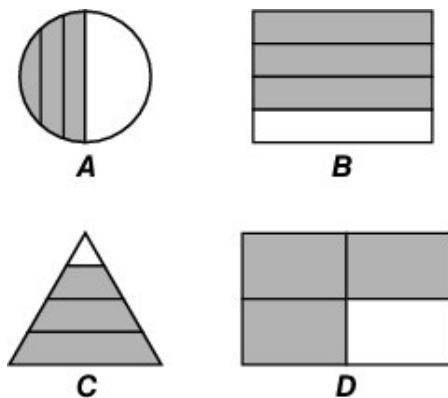
B. $\frac{1}{7}$

C. $\frac{1}{8}$

D. $\frac{1}{9}$

8. Lisa is baking cookies. She needs to add $\frac{3}{4}$ cup of brown sugar to a bowl, but she is not sure she knows how to measure $\frac{3}{4}$ cup.

Part 1. Circle the models below that show $\frac{3}{4}$.

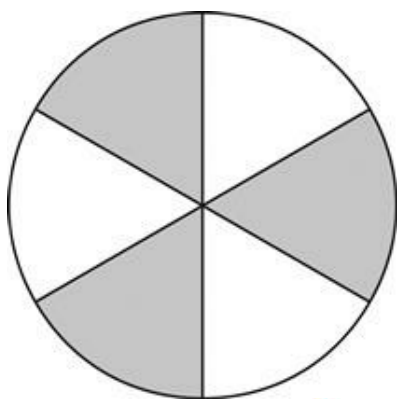


Part 2. Explain why you chose the circled model or models above.

Part 3. Draw a number line with a point to show $\frac{3}{4}$.

Part 4. Lisa has three measuring cups. The cups are labeled $\frac{1}{4}$ cup, $\frac{1}{2}$ cup, and 1 cup. Explain how Lisa can use the cups to measure the sugar she needs.

9. Barbara shaded $\frac{3}{6}$ of the circle.



Which of these is equal to $\frac{3}{6}$?

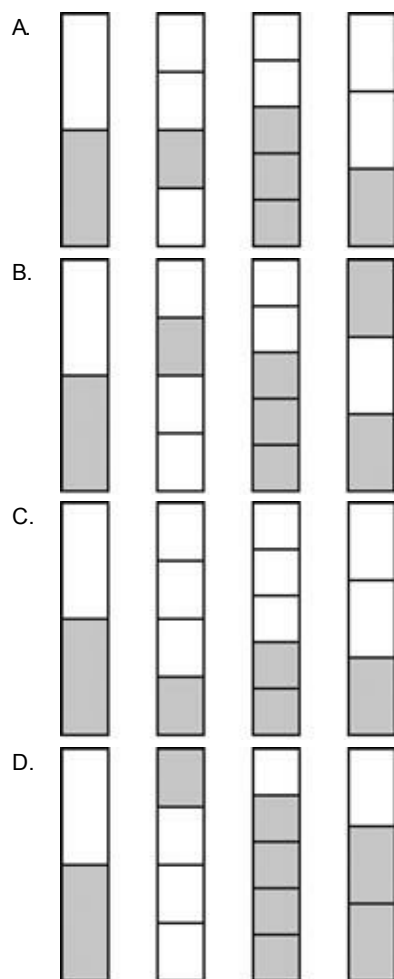
- A. $\frac{1}{6}$
- B. $\frac{6}{3}$
- C. $\frac{1}{3}$
- D. $\frac{1}{2}$

10. Jeremiah worked for several days cleaning up a vacant lot in his neighborhood. He recorded the number of hours he worked in the table below.

Hours Worked

Day	Number of Hours Worked
1	$\frac{1}{2}$
2	$\frac{1}{4}$
3	$\frac{3}{5}$
4	$\frac{2}{3}$

Which model best uses shaded areas to represent the number of hours Jeremiah worked each day?



11. What is the value of T on the number line below?



A. $\frac{4}{5}$

B. $\frac{5}{6}$

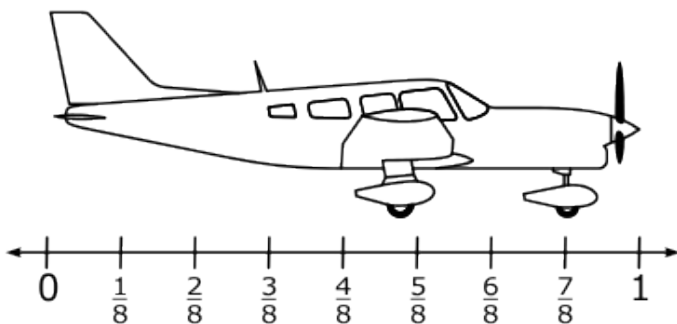
C. $\frac{6}{7}$

12.

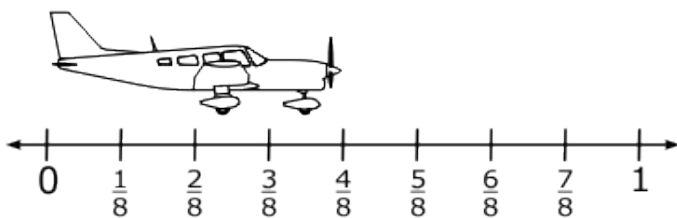
Brandon measured the length of his toy plane. It is $\frac{1}{8}$ of a unit long.

Which shows the length of his plane?

A.



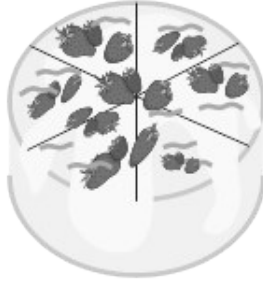
B.



C.

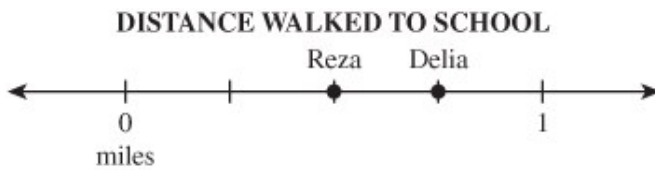


13. Kelly cut her cake evenly. She and five friends shared it equally. How much of the cake did each person get?



- A. $\frac{1}{5}$
- B. $\frac{1}{6}$
- C. $\frac{1}{7}$
- D. $\frac{1}{8}$

14. Reza and Delia both walk to school. The number line model below shows the distance each of them must walk to get from home to school.



How much further does Delia walk than Reza to get to school?

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

15. What fraction of the set of circles is shaded?



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

16. Lilly fills a cup three-fourths full of orange juice. What fraction is equal to the amount of orange juice in Lilly's cup?

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