

Name \_\_\_\_\_ Mid Module 5 Study Guide

Test Date: \_\_\_\_\_

1. Draw a diagram to show a whole divided into six equal parts. Label each part with a unit fraction.

2. Your friends came over for dinner. There are 4 people total. You made a cake. You need to divide the cake so everyone gets one-fourth. Show how you would cut the cake.

3. There are 2 bags of skittles, 3 bags of M&Ms, and 1 bag of Reese's pieces in the candy bowl. What fraction of the bags of candy are skittles? Draw a picture to help you.

4. Which statement is an example of the fraction  $\frac{2}{4}$ ?

- A. In Liam's house, 2 of his 4 pets are angelfish.
- B. In Liam's house, 4 of his 2 pets are angelfish.
- C. Liam has 4 cats that he feeds 2 times a day.
- D. Liam has 2 dogs that he feeds 4 times a day.

5. When you use a fraction to describe parts of the area of a shape, why is it important for the parts to be equal?

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6. What is the numerator and the denominator in the fraction  $\frac{3}{8}$  ?

- A. The numerator is 8 and denominator is 3.
- B. The numerator is 3 and the denominator is 9.
- C. The numerator is 3 and the denominator is 8.
- D. The numerator is 9 and the denominator is 3.

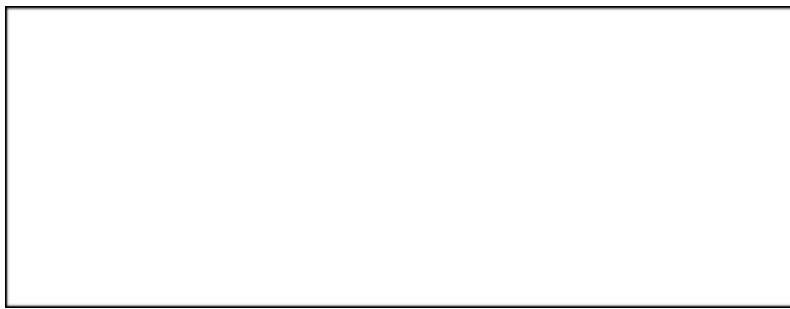
7. Write is an example of a unit fraction.

8. Draw a picture of a square with 3 fourths shaded. Write the fraction of the shaded parts.

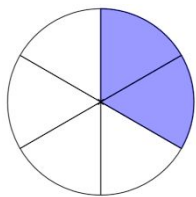
9. Draw a picture of a circle with 7 eighths shaded. Write the fraction of the unshaded parts.

10. Draw a picture of a shape with 6 sixths shaded. Write the fraction of the shaded parts. What does it equal?

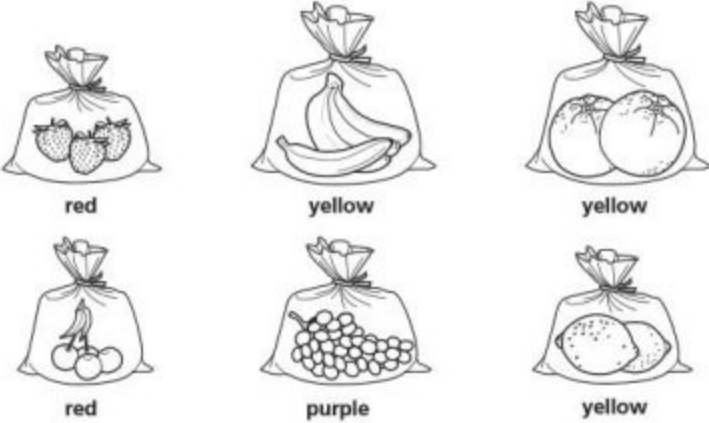
11. Partition this shape into thirds. Label each unit fraction.



12. Write the fraction of the shaded parts.



13. Write the fraction of amount of bags of yellow fruit.



14. Circle the picture that is NOT partitioned into fourths. Explain why it is not partitioned correctly.

