3.G.2..-Test1B Partition shapes into parts with equal areas.

Multiple Choice
Identify the choice that best completes the statement or answers the question.

1. If a shape was divided into 8 equal parts, what fraction would each of those parts be?
   a. 1/8
   b. 8/1
   c. 4/8
   d. 8/8

2. If a shape was divided into 19 equal parts, what fraction would each of those parts be?
   a. 19
   b. 1
   c. 1/19
   d. 19/1

3. If a shape was divided into 64 equal parts, what fraction would each of those parts be?
   a. 64/64
   b. 64/1
   c. 64/1
   d. 1/64

4. If a shape was divided into 9 equal parts, what fraction would each of those parts be?
   a. 1/9
   b. 9/9
   c. 9/1
   d. 1

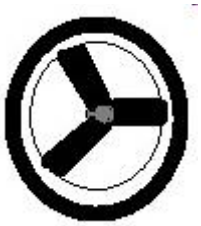
5. If a shape was divided into 21 equal parts, what fraction would each of those parts be?
   a. 21/1
   b. 1/21
   c. 11/21
   d. 21/21

6. If a shape was divided into 5 equal parts, what fraction would each of those parts be?
   a. 1/5
   b. 5/5
   c. 5/1
   d. 2/5

7. If you tear a piece of paper into 16 equal parts, what fraction would each of those parts be?
   a. 16/16
   b. 16/1
   c. 8/16
   d. 1/16

8. Andy took two pieces of paper and ripped them in half. He them put those pieces together and ripped them into equal parts again. What fraction did each of those pieces equal?
   a. 8/1
   b. 1/8
   c. 4/8
   d. 8/8

9. A bicycle tire has three spokes. What fraction would each of the parts of the wheel be?



a. 3/1
b. 3/3
c. 1/3
d. 1

10. If a shape was divided into 45 equal parts, what fraction would each of those parts be?
    a. 1/45
    b. 1/1
    c. 45/45
    d. 45/1

Answer 1: A

When shapes are divided into equal section, each section becomes part of the whole. This is expressed in a fraction with the total number of parts named as the number on the bottom of the fraction - the denominator and each section labeled named as the top number of the fraction - the numerator. For example if a rectangle was divided into 4 equal parts and 1 part was shaded we would say 1/4 of the rectangle was shaded.

Answer 2: C
Answer 3: D
Answer 4: A
Answer 5: C
Answer 6: A
Answer 7: D
Answer 8: B
Answer 9: C
Answer 10: A