3rd Grade Number & Operations—Fractions
Develop understanding of fractions as numbers. Standard 3d, Test 1

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

1. Which symbol makes this comparison true for: 1/2 1/3
   a. <
   b. >
   c. =

2. Which symbol makes this comparison true for: 5/5 1/5
   a. <
   b. >
   c. =

3. Which symbol makes this comparison true for: 5/10 5/7
   a. <
   b. >
   c. =

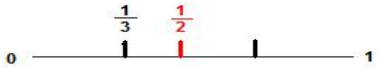
4. Which symbol makes this comparison true for: 6/13 6/14

13 parts

14 parts

Use these lines to help you decide.
   a. <
   b. >
   c. =

Answer 1: B

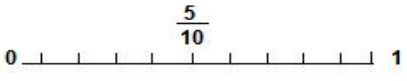


at the line segment. You can see that 1/3 comes before 1/2, so it is smaller. The alligator rule says that the open mouth eats the larger number: 1/2 > 1/3

Answer 2: B

As you can see on this line segment, 1/5 is much smaller than 5/5, which actually equals 1 whole.

Answer 3: A



5/10 is half of the line.

This line also has a numerator of 5, but it is only sectioned off into 7 parts. So 5 of the 7 parts is more than the other line with 10 segments

Answer 4: B

When you counted over 6 on each line, they were close to the same place. However, the bottom line has one more segment at the end. So the 6 on the top line is more of whole line than the 6 on the bottom line. So, 6/13 > 6/14.