4.NF.2.-TEST1B Compare two fractions with different numerators and different de

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

1. Shelly is making bead bracelets for her friends. When she started making bracelets, she had an equal amount of red and blue beads. She used 7/8 of the red beads and 3/4 of the blue beads. Has Shelly used more red beads or more blue beads?
   a. She has used an equal amount of red and blue beads
   b. red beads
   c. Not enough information is given to answer this question
   d. blue beads

2. $3/4 <$ _____
   a. 2/3
   b. 4/10
   c. 4/6
   d. 7/8

3. $7/14 =$ _____
   a. 4/7
   b. 1/2
   c. 6/15
   d. 3/4

4. $9/10 <$ _____
   a. 1/2
   b. 7/8
   c. 95/100
   d. 8/12

5. The baseball team and the soccer team played an equal number of games. The baseball team won 7/8 of their games. The soccer team won 3/4 of their games. Which statement is true?
   a. The soccer team won more games than the baseball team.
   b. The baseball team and the soccer team won an equal number of games.
   c. You have to know the number of games played to solve this problem.
   d. The baseball team won more games than the soccer team.

6. At the end of the bake sale, 4/5 of the mint brownies had been sold. Eight-tenths (8/10) of the plain brownies had been sold. Which statement is true?
   a. An equal amount of mint brownies and plain brownies were sold.
   b. There were more plain brownies left over.
   c. More plain brownies were sold than mint brownies
   d. There were more mint brownies left over.

7. At the end of the party, 5/6 of the pepperoni pizza had been eaten. Two-thirds of the cheese pizza had been eaten. Which pizza has more left?
   a. pepperoni
   b. An equal amount of each pizza is left.
   c. cheese
   d. Not enough information is given to answer this question.

8. At the end of the party, 5/6 of the pepperoni pizza had been eaten. Two-thirds of the cheese pizza had been eaten. Which pizza has more left?
   a. pepperoni
   b. An equal amount of each pizza is left.
   c. cheese
   d. Not enough information is given to answer this question.

Multiple Response
Identify one or more choices that best complete the statement or answer the question.

9. Which two fraction comparisons are true?
   a. $1/2 > 5/8$
   b. $4/5 > 6/10$
   c. $2/3 < 3/4$
   d. $3/8 < 1/4$

10. Which fraction comparison is true?
   a. $4/12 = 1/4$
   b. $3/6 = 1/3$
   c. $3/4 = 6/8$
   d. $1/2 = 2/3$

11. $1/5 = $ _____
   a. 4/20
   b. 3/10
   c. 2/8
   d. 5/20

Answer 1: B

Part of a whole or part of a set can be named with with a number called a fraction. Fractions allow us to describe amounts < (less than) 1. When making comparisons using fractions, it is important that the size of the whole is equal. One-half of a large pizza is not equal to one-half of a small pizza.

Fractions are written with two numbers:
   4 - numerator
   5 - denominator

It is helpful to convert fractions you are comparing to common denominators when determining fraction order from smallest amount to largest amount.

Compare 1/2; 3/4; 2/5

1/2 = 10/20

3/4 = 15/20

2/5 = 8/20

The order of the fractions from smallest to largest is 2/5

Answer 2: D

Answer 3: B

Answer 4: C

Answer 5: D

Answer 6: A

Answer 7: C

Answer 8: C
Answer 9: B, C
Answer 10: C
Answer 11: A, C