Week 12 Assignment 12

1. The following is a list of numbers:
   
   1, 2, 3, 4, 5, 6, 7, 8, 9, 10

   Which of the following statements is true?

   a) The sum of the first five numbers is 15.
   b) The product of the first five numbers is 120.
   c) The average of the first five numbers is 3.
   d) The median of the first five numbers is 5.

2. Which of the following is an example of a function?
   
   a) A table of numbers
   b) A rule that assigns each input to a unique output
   c) A graph on a coordinate plane
   d) A set of ordered pairs

3. The following is a list of statements about angles:

   a) A right angle measures 90 degrees.
   b) An acute angle measures more than 90 degrees.
   c) An obtuse angle measures less than 90 degrees.
   d) A straight angle measures 180 degrees.

4. Which of the following is an example of a geometric shape?
   
   a) A square
   b) A circle
   c) A triangle
   d) A rectangle

5. The following is a list of terms related to geometry:

   a) Point
   b) Line
   c) Plane
   d) Solid

6. Which of the following is an example of a spatial relation?
   
   a) Parallel lines
   b) Perpendicular lines
   c) Intersecting lines
   d) Skew lines

7. Which of the following is an example of a measurement?
   
   a) Time
   b) Distance
   c) Temperature
   d) Volume

8. The following is a list of figures drawn on paper:

   a) A square
   b) A rectangle
   c) A triangle
   d) A circle

9. Which of the following is an example of a transformation?
   
   a) Rotation
   b) Translation
   c) Reflection
   d) Dilation

10. Which of the following is an example of a proportion?

    a) 2/3 = 4/6
    b) 1/2 = 2/4
    c) 3/4 = 6/8
    d) 1/3 = 2/5