Assignment 9

1. In the following procedure, writing an expression in a cell describes a

   a. 2x + 3y
   b. 4x - 2y
   c. x^2 + y^2
   d. x/y

2. Use a function to determine the area of a triangle given the base and

   a. 2x + 3y
   b. 4x - 2y
   c. x^2 + y^2
   d. x/y

3. Determine the solution for x in the following equation:

   a. 2x + 3y = 10
   b. 4x - 2y = 8
   c. x^2 + y^2 = 25
   d. x/y = 2

4. The following procedure demonstrates how to calculate the average of

   a. 2x + 3y
   b. 4x - 2y
   c. x^2 + y^2
   d. x/y

5. Calculate the perimeter of a rectangle with length 5 and width 3.

   a. 2x + 3y
   b. 4x - 2y
   c. x^2 + y^2
   d. x/y

6. Suppose you are given the following information:

   a. 2x + 3y
   b. 4x - 2y
   c. x^2 + y^2
   d. x/y

   Solve for x and y.

7. Use a function to determine the volume of a sphere with radius 2.

   a. 2x + 3y
   b. 4x - 2y
   c. x^2 + y^2
   d. x/y

8. The following procedure demonstrates how to calculate the average of

   a. 2x + 3y
   b. 4x - 2y
   c. x^2 + y^2
   d. x/y

9. The following procedure demonstrates how to calculate the average of

   a. 2x + 3y
   b. 4x - 2y
   c. x^2 + y^2
   d. x/y

10. Use a function to determine the area of a circle with radius 4.

    a. 2x + 3y
    b. 4x - 2y
    c. x^2 + y^2
    d. x/y

11. Suppose you are given the following information:

    a. 2x + 3y
    b. 4x - 2y
    c. x^2 + y^2
    d. x/y

    Solve for x and y.

12. Use a function to determine the volume of a cylinder with radius 3 and

    a. 2x + 3y
    b. 4x - 2y
    c. x^2 + y^2
    d. x/y

13. The following procedure demonstrates how to calculate the average of

    a. 2x + 3y
    b. 4x - 2y
    c. x^2 + y^2
    d. x/y

14. Use a function to determine the area of a sphere with radius 5.

    a. 2x + 3y
    b. 4x - 2y
    c. x^2 + y^2
    d. x/y