A. Choose the correct answer:

1. Which of the following is a solid object?

    a. Square   b. Triangle

    c. Cube   d. Circle

2. How many faces does a cube have?

    a. 4   b. 6

    c. 8   d. 12

3 A sphere is different from a cube because it has _____.

    a. Flat faces   b. Edges

    c. No edges or corners   d. Right angles

4. Which of the following solids has a circular base and one curved surface?

    a. Cone   b. Cylinder

    c. Cube   d. Sphere

5. A rectangular prism has _____ faces.
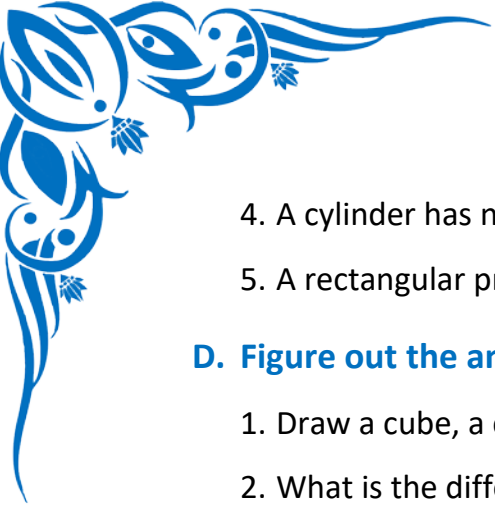
    a. 4   b. 6

    c. 8   d. 12

B. Write the Missing Terms to Complete the Sentences:

1. A _____ has no edges or vertices and is round in shape.

2. A cube has _____ faces, all of which are squares.

3. A cone has _____ flat face(s) and one curved surface.

4. A cylinder has _____ curved surface(s) and two flat faces.

5. A _____ has six rectangular faces, opposite faces being equal.

C. Mark each sentence with a True (✔) or False (✗):

1. A cube has 6 square faces.   _____

2. A sphere has flat faces.   _____

3. A cone has one vertex.   _____

4. A cylinder has no edges. _____

5. A rectangular prism has 4 faces. _____

D. Figure out the answers to these questions:

1. Draw a cube, a cone, and a sphere. Label the parts of each solid object.

2. What is the difference between a cube and a rectangular prism?

3. How many faces does a cone have?

4. What solid object has two circular faces and one curved surface?

5. How can you tell a cylinder from a sphere?

E. Challenge yourself with these questions:

1. What solid has a circular base and a pointed top?

2. How many edges does a cube have?

3. If you roll a sphere, will it stop at a point or keep rolling?

4. Which solid object has the shape of a book?

5. Can a solid object have more than one curved surface? Give an example.