

Simple Closed Figure

A. Choose the correct answer:

1. Which of the following is a simple closed figure?

- a) A straight line
- b) A triangle
- c) A curve with no end
- d) An open angle

2. A simple closed figure is a figure that

- a) has no sides
- b) is not closed
- c) does not cross itself and forms a boundary
- d) is a 3D shape

3. Which of the following is not a simple closed figure?

- a) Circle
- b) Rectangle
- c) Line
- d) Square

4. How many sides does a triangle have?

- a) 2
- b) 3
- c) 4
- d) 5

5. Which shape is formed with 4 equal sides and 4 right angles?

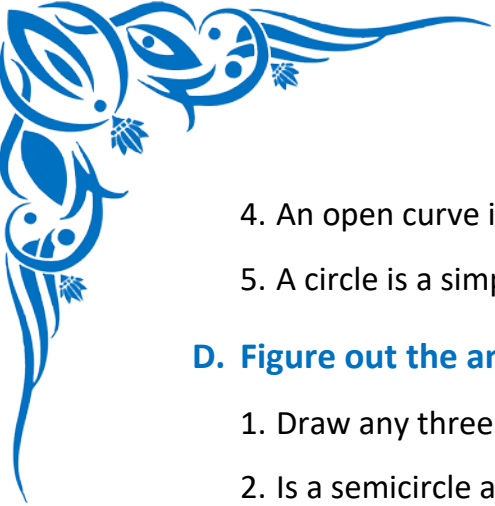
- a) Rectangle
- b) Square
- c) Triangle
- d) Oval

B. Write the Missing Terms to Complete the Sentences:

1. A simple closed figure has ____ starting and ending point
2. A rectangle is a simple closed figure with ____ sides
3. A circle is a simple closed figure with no ____
4. A triangle is a simple closed figure made of ____ line segments
5. A figure that does not start and end at the same point is called ____

C. Mark each sentence with a True (✓) or False (X):

1. A square is a simple closed figure _____
2. A simple closed figure must have at least 2 sides _____
3. A triangle has 4 sides _____



4. An open curve is a simple closed figure _____

5. A circle is a simple closed figure with no corners _____

D. Figure out the answers to these questions:

1. Draw any three simple closed figures and name them.
2. Is a semicircle a simple closed figure? Why or why not?
3. Write the difference between an open figure and a closed figure.
4. Which of the following are simple closed figures: square, open curve, straight line, and hexagon?
5. Identify and count the number of sides and corners in a rectangle and triangle.

E. Challenge yourself with these questions:

1. Draw and label a closed figure with 3 sides and one with 4 sides.
2. Name three simple closed figures used in daily life objects.
3. What is the difference between a closed figure and an open figure with an example each?
4. Draw an open figure and a simple closed figure. Write one point of comparison.
5. Identify the figures: one is open, one is closed. Label and write their names.