# 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 (✗):

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.