



## Introduction to Shapes and Patterns

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*Welcome to the world of shapes and patterns! In this fun and interactive worksheet, you will learn about different shapes, such as squares, circles, triangles, and rectangles. You will also discover how to create and extend patterns using these shapes.*

What is a Shape? A shape is a self-contained area with a defined boundary. Can you think of different shapes you see in your everyday life?

# Shape Sorting Activity

Sort the following shapes into their respective categories:

- Square
- Circle
- Triangle
- Rectangle

Shape	Category

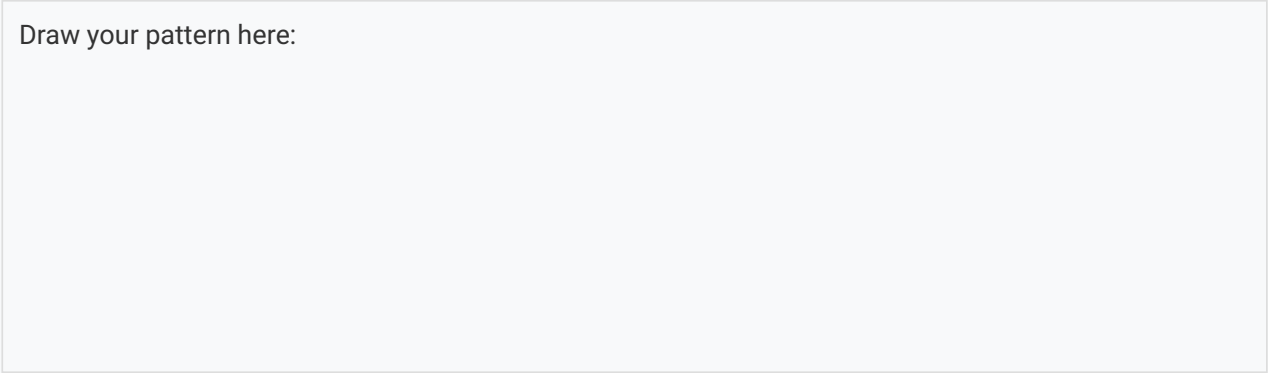
## Pattern Creation

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Create a pattern using the following shapes:

- Square
- Circle
- Triangle

Draw your pattern here:



# Shape Scavenger Hunt

Go on a shape scavenger hunt around your classroom or home. Find objects that match the following shapes:

- Square
- Circle
- Triangle
- Rectangle

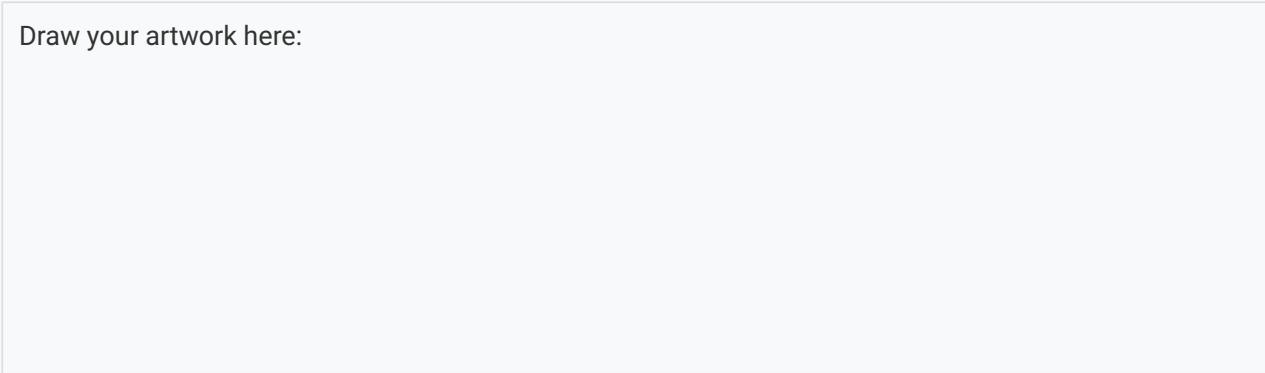
Shape	Object Found

## Shape-themed Art

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*Create a piece of art using different shapes. You can use paper, glue, scissors, and any other materials you like.*

Draw your artwork here:



## Quiz Time!

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*Test your knowledge of shapes and patterns with this quiz:*

1. What is the name of the shape with four right angles and four sides of equal length?
  - a) Square
  - b) Circle
  - c) Triangle
  - d) Rectangle
2. What is the next shape in the pattern: square, triangle, square, triangle, ...?
  - a) Square
  - b) Circle
  - c) Triangle
  - d) Rectangle

Quiz Answers:

1. a) Square
2. a) Square

## Word Search

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*Find the following shape-related words in the word search:*

- SQUARE
- CIRCLE
- TRIANGLE
- RECTANGLE

S E O A R T C I R C L E  
E H I L O S Q U A R E T  
R E C T A N G L E T R I  
A N G L E S Q U A R E C I  
R C I R C L E T R I A N G  
L E T R I A N G L E S Q U  
A R E T R I A N G L E C I  
R C I R C L E S Q U A R E

## Crossword Puzzle

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*Complete the crossword puzzle with shape-related words:*

### Across

1. Shape with four right angles and four sides of equal length (6)
2. Shape with no sides or angles (6)

### Down

1. Shape with three sides and three angles (8)
2. Shape with four sides and four right angles (8)



### Crossword Puzzle Answers:

#### Across

1. SQUARE
2. CIRCLE

#### Down

1. TRIANGLE
2. RECTANGLE



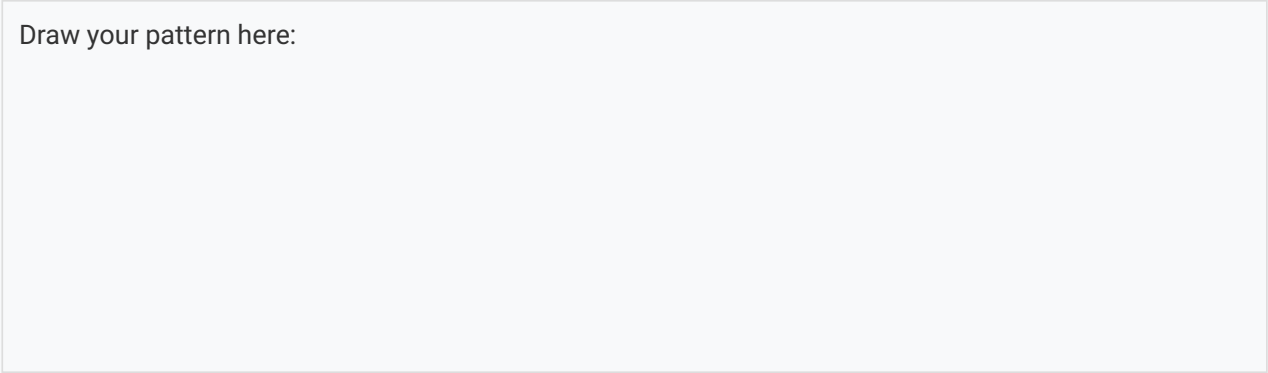
## Shape Patterns

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Create a pattern using the following shapes:

- Square
- Circle
- Triangle

Draw your pattern here:



## Conclusion and Certificate of Completion

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*Congratulations! You have completed the Exploring Shapes and Patterns with Fun Maths Games worksheet. We hope you had fun learning about shapes and patterns.*

### Certificate of Completion

This is to certify that [Name] has completed the Exploring Shapes and Patterns with Fun Maths Games worksheet.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_