

## Worksheet For Shapes For Preschool

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### Part 1: Building a Foundation

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**Which shape has no sides and no corners?**

*Hint: Think about round shapes.*

- A) Square
- A) Triangle
- C) Circle
- D) Rectangle

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- D) Rectangle
- C) Triangle

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*Hint: Think about round shapes.*

- A) Square
- C) Circle
- D) Rectangle
- C) Triangle

**Which of the following shapes have four corners?**

*Hint: Look for shapes that are not round.*

- A) Circle

- A) Square
- C) Triangle
- D) Rectangle

**Which of the following shapes have four corners?**

*Hint: Consider the properties of each shape.*

- A) Circle
- C) Triangle
- D) Rectangle
- C) Square

**Which of the following shapes have four corners?**

*Hint: Consider the properties of each shape.*

- A) Circle
- C) Triangle
- D) Rectangle
- C) Square

**Describe the difference between a square and a rectangle.**

*Hint: Consider their sides and angles.*

**Describe the difference between a square and a rectangle.**

*Hint: Think about their sides and angles.*

**Describe the difference between a square and a rectangle.**

*Hint: Think about their sides and angles.*

**Which shape is often described as an elongated circle?**

*Hint: Think about shapes that are oval.*

- A) Oval
- A) Triangle
- C) Square
- D) Rectangle

**Which shape is often described as an elongated circle?**

*Hint: Think about oval shapes.*

- A) Oval
- C) Square
- D) Rectangle
- C) Triangle

**Which shape is often described as an elongated circle?**

*Hint: Think about oval shapes.*

- A) Oval
- C) Square

- D) Rectangle
- C) Triangle

## Part 2: Understanding and Application

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**If a shape has three sides, what is it called?**

*Hint: Think about the simplest polygon.*

- A) Square
- A) Triangle
- C) Rectangle
- D) Oval

**If a shape has three sides, what is it called?**

*Hint: Think about basic geometric shapes.*

- A) Square
- C) Rectangle
- D) Oval
- C) Triangle

**If a shape has three sides, what is it called?**

*Hint: Think about basic geometric shapes.*

- A) Square
- C) Rectangle
- D) Oval
- C) Triangle

**Which shapes can be found in a typical playground?**

*Hint: Think about the equipment and structures.*

- A) Circle (e.g., merry-go-round)
- A) Triangle (e.g., roof of a playhouse)
- C) Square (e.g., sandbox)
- D) Oval (e.g., track)

**Which shapes can be found in a typical playground?**

*Hint: Consider common playground equipment.*

- A) Circle (e.g., merry-go-round)
- C) Triangle (e.g., roof of a playhouse)
- D) Oval (e.g., track)
- C) Square (e.g., sandbox)

**Which shapes can be found in a typical playground?**

*Hint: Consider common playground equipment.*

- A) Circle (e.g., merry-go-round)
- C) Square (e.g., sandbox)
- D) Oval (e.g., track)
- C) Triangle (e.g., roof of a playhouse)

**Explain why a square is considered a special type of rectangle.**

*Hint: Think about their properties.*

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**Which shape would best fit a pizza slice?**

*Hint: Think about the shape of a slice.*

- A) Circle
- A) Triangle
- C) Square
- D) Oval

**Which shape would best fit a pizza slice?**

*Hint: Think about the shape of a pizza slice.*

- A) Circle
- C) Square
- D) Oval
- C) Triangle

**Which shape would best fit a pizza slice?**

*Hint: Think about the shape of a pizza slice.*

- A) Circle
- C) Square
- D) Oval
- C) Triangle

**If you are sorting blocks by shape, which ones would go into the 'four sides' category?**

*Hint: Look for shapes with four edges.*

- A) Circle

- A) Square
- C) Rectangle
- D) Triangle

**If you are sorting blocks by shape, which ones would go into the 'four sides' category?**

*Hint: Think about the properties of shapes.*

- A) Circle
- C) Square
- D) Rectangle
- C) Triangle

**If you are sorting blocks by shape, which ones would go into the 'four sides' category?**

*Hint: Consider the properties of each shape.*

- A) Circle
- C) Rectangle
- D) Triangle
- C) Square

**Imagine you are designing a new toy. Describe how you would use different shapes to make it interesting.**

*Hint: Think about the shapes you like.*

**Imagine you are designing a new toy. Describe how you would use different shapes to make it interesting.**

*Hint: Think about the shapes you would choose.*

**Imagine you are designing a new toy. Describe how you would use different shapes to make it interesting.**

*Hint: Think about the shapes you would choose.*

### Part 3: Analysis, Evaluation, and Creation

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**Which shape can be divided into two equal triangles?**

*Hint: Think about shapes that can be split.*

- A) Square
- A) Circle
- C) Rectangle
- D) Oval

**Which shape can be divided into two equal triangles?**

*Hint: Think about how shapes can be split.*

- A) Square
- C) Rectangle
- D) Oval
- C) Triangle



**Which shape can be divided into two equal triangles?**

*Hint: Think about how shapes can be split.*

- A) Square
- C) Rectangle
- D) Oval
- C) Circle

**Which shapes can be used to create a pattern on a tiled floor?**

*Hint: Consider common tilable shapes.*

- A) Circle
- C) Square
- D) Oval
- C) Triangle

**Which shapes can be used to create a pattern on a tiled floor?**

*Hint: Think about shapes that fit together.*

- A) Circle
- A) Triangle
- C) Square
- D) Oval

**Which shapes can be used to create a pattern on a tiled floor?**

*Hint: Consider common tilable shapes.*

- A) Circle
- C) Triangle
- D) Oval
- C) Square

**Analyze how the number of sides affects the stability of a shape when used in construction.**

*Hint: Think about how shapes are used in buildings.*

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**Analyze how the number of sides affects the stability of a shape when used in construction.**

*Hint: Think about how shapes are used in buildings.*

**Which shape would be most efficient for a wheel and why?**

*Hint: Consider the properties of wheels.*

- A) Square
- C) Circle
- D) Rectangle
- C) Triangle

**Which shape would be most efficient for a wheel and why?**

*Hint: Think about the shape that rolls best.*

- A) Square
- A) Triangle
- C) Circle
- D) Rectangle

**Which shape would be most efficient for a wheel and why?**

*Hint: Consider the properties of wheels.*

- A) Square
- C) Triangle
- D) Rectangle
- C) Circle

**If you were to create a new logo using shapes, which combinations would be visually appealing?**

*Hint: Think about design principles.*

- A) Circle and Triangle
- C) Square and Rectangle
- D) Oval and Circle
- C) Triangle and Square

**If you were to create a new logo using shapes, which combinations would be visually appealing?**

*Hint: Think about how shapes can work together.*

- A) Circle and Triangle
- A) Square and Rectangle
- C) Oval and Circle
- D) Triangle and Square


**If you were to create a new logo using shapes, which combinations would be visually appealing?**

*Hint: Think about how shapes can work together.*

- A) Circle and Triangle
- C) Square and Rectangle
- D) Oval and Circle
- C) Triangle and Square

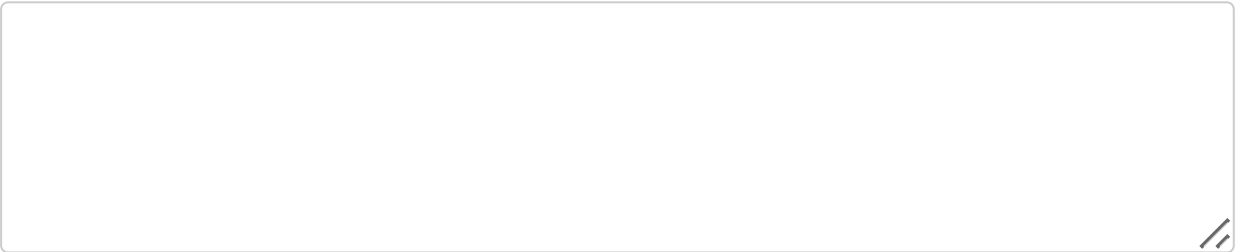
**Design a simple house using basic shapes and explain your choice of shapes for each part.**

*Hint: Think about how shapes can represent different parts of a house.*



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**Design a simple house using basic shapes and explain your choice of shapes for each part.**

*Hint: Think about the shapes that make up a house.*

