

## Worksheet For Shapes For Preschool Answer Key PDF

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### Part 1: Building a Foundation

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

undefined. A) Square

undefined. A) Triangle

**undefined. C) Circle ✓**

undefined. D) Rectangle

The correct answer is C) Circle, as it has no sides or corners.

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

undefined. A) Square

**undefined. C) Circle ✓**

undefined. D) Rectangle

undefined. C) Triangle

The correct answer is a circle.

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

undefined. A) Square

**undefined. C) Circle ✓**

undefined. D) Rectangle

undefined. C) Triangle

The correct answer is a circle.

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

undefined. A) Circle

**undefined. A) Square ✓**

undefined. C) Triangle

**undefined. D) Rectangle ✓**

The correct answers are B) Square and D) Rectangle, as both have four corners.

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

undefined. A) Circle

undefined. C) Triangle

**undefined. D) Rectangle ✓**

**undefined. C) Square ✓**

The correct answers are square and rectangle.

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

undefined. A) Circle

undefined. C) Triangle

**undefined. D) Rectangle ✓**

**undefined. C) Square ✓**

The correct answers are square and rectangle.

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

**A square has all sides equal and all angles are right angles, while a rectangle has opposite sides equal.**

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

**A square has all sides equal, while a rectangle has opposite sides equal.**

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

**A square has all sides equal, while a rectangle has opposite sides equal.**

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

**undefined. A) Oval ✓**

undefined. A) Triangle

undefined. C) Square

undefined. D) Rectangle

The correct answer is A) Oval, as it resembles an elongated circle.

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

**undefined. A) Oval ✓**

undefined. C) Square

undefined. D) Rectangle

undefined. C) Triangle

The correct answer is an oval.

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

**undefined. A) Oval ✓**

undefined. C) Square

undefined. D) Rectangle

undefined. C) Triangle

The correct answer is an oval.

## Part 2: Understanding and Application

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

undefined. A) Square

**undefined. A) Triangle ✓**

undefined. C) Rectangle

undefined. D) Oval

The correct answer is B) Triangle, as it has three sides.

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

undefined. A) Square

undefined. C) Rectangle

undefined. D) Oval

**undefined. C) Triangle ✓**

The correct answer is a triangle.

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

undefined. A) Square

undefined. C) Rectangle

undefined. D) Oval

**undefined. C) Triangle ✓**

The correct answer is a triangle.

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

**undefined. A) Circle (e.g., merry-go-round) ✓**

**undefined. A) Triangle (e.g., roof of a playhouse) ✓**

**undefined. C) Square (e.g., sandbox) ✓**

undefined. D) Oval (e.g., track)

The correct answers are A) Circle, B) Triangle, and C) Square, as they can be found in playground equipment.

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

**undefined. A) Circle (e.g., merry-go-round) ✓**

**undefined. C) Triangle (e.g., roof of a playhouse) ✓**

**undefined. D) Oval (e.g., track) ✓**

**undefined. C) Square (e.g., sandbox) ✓**

The correct answers include circle, triangle, square, and oval.

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

**undefined. A) Circle (e.g., merry-go-round) ✓**

undefined. C) Square (e.g., sandbox) ✓

undefined. D) Oval (e.g., track) ✓

undefined. C) Triangle (e.g., roof of a playhouse) ✓

The correct answers include circle, triangle, square, and oval.

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

**A square is a special type of rectangle because it has all sides equal and all angles are right angles.**

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

**A square is a rectangle with all sides equal.**

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

**A square is a rectangle with all sides equal.**

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

undefined. A) Circle

**undefined. A) Triangle ✓**

undefined. C) Square

undefined. D) Oval

The correct answer is B) Triangle, as a pizza slice is typically triangular.

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

undefined. A) Circle

undefined. C) Square

undefined. D) Oval

**undefined. C) Triangle ✓**

The correct answer is a triangle.

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

undefined. A) Circle  
undefined. C) Square  
undefined. D) Oval

**undefined. C) Triangle ✓**

The correct answer is a triangle.

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

undefined. A) Circle

**undefined. A) Square ✓**

**undefined. C) Rectangle ✓**

undefined. D) Triangle

The correct answers are B) Square and C) Rectangle, as both have four sides.

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

undefined. A) Circle

**undefined. C) Square ✓**

**undefined. D) Rectangle ✓**

undefined. C) Triangle

The correct answers are square and rectangle.

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

undefined. A) Circle

**undefined. C) Rectangle ✓**

undefined. D) Triangle

**undefined. C) Square ✓**

The correct answers are square and rectangle.

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

**Students may describe using various shapes to create a colorful and engaging toy.**

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

**Consider how different shapes can attract attention and serve a purpose.**

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

**Consider how different shapes can attract attention.**

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

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

**undefined. A) Square ✓**

undefined. A) Circle

undefined. C) Rectangle

undefined. D) Oval

The correct answer is A) Square, as it can be divided into two equal triangles.

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

**undefined. A) Square ✓**

undefined. C) Rectangle

undefined. D) Oval

undefined. C) Triangle

The correct answer is a square.

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

**undefined. A) Square ✓**

undefined. C) Rectangle

undefined. D) Oval

undefined. C) Circle

The correct answer is a square.

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

- undefined. A) Circle ✓
- undefined. C) Square ✓
- undefined. D) Oval ✓
- undefined. C) Triangle ✓

The correct answers include circle, triangle, square, and oval.

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

- undefined. A) Circle ✓
- undefined. A) Triangle ✓
- undefined. C) Square ✓
- undefined. D) Oval

The correct answers are A) Circle, B) Triangle, and C) Square, as they can create patterns.

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

- undefined. A) Circle ✓
- undefined. C) Triangle ✓
- undefined. D) Oval ✓
- undefined. C) Square ✓

The correct answers include circle, triangle, square, and oval.

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

**More sides can lead to more stability in certain contexts.**

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

**More sides can provide more stability, but the shape's design also matters.**



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

**Shapes with more sides can provide more stability.**

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

undefined. A) Square

**undefined. C) Circle ✓**

undefined. D) Rectangle

undefined. C) Triangle

The correct answer is a circle, as it rolls smoothly.

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

undefined. A) Square

undefined. A) Triangle

**undefined. C) Circle ✓**

undefined. D) Rectangle

The correct answer is C) Circle, as it rolls smoothly and efficiently.

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

undefined. A) Square

undefined. C) Triangle

undefined. D) Rectangle

**undefined. C) Circle ✓**

The correct answer is a circle, as it rolls smoothly.

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

**undefined. A) Circle and Triangle ✓**

**undefined. C) Square and Rectangle ✓**

**undefined. D) Oval and Circle ✓**

**undefined. C) Triangle and Square ✓**

The correct answers may vary based on personal preference.

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

**undefined. A) Circle and Triangle ✓**

undefined. A) Square and Rectangle

**undefined. C) Oval and Circle ✓**

undefined. D) Triangle and Square

The correct answers may vary, but combinations like A) Circle and Triangle or C) Oval and Circle are often appealing.

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

**undefined. A) Circle and Triangle ✓**

**undefined. C) Square and Rectangle ✓**

**undefined. D) Oval and Circle ✓**

**undefined. C) Triangle and Square ✓**

The correct answers can vary based on design principles.

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

**Consider how shapes can represent walls, roofs, and doors.**

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

**Students may describe using a square for the house, a triangle for the roof, etc.**

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

**Consider how different shapes represent different parts of a house.**