



**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Student ID:** \_\_\_\_\_

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

## Assessment Details

**Duration:** 10-15 minutes

**Total Marks:** 30

**Topics Covered:**

- Shape Recognition
- Counting Objects
- Basic Number Concepts


## Instructions to Students:

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Use the images and objects provided to engage with the assessment.
4. Write your answers in the spaces provided.
5. If you need more space, use the additional pages at the end.
6. Time management is crucial - allocate approximately 1 minute per mark.

**Question 1**

**[2 marks]**

What shape is this?

 Image of a circle

A) Square

B) Circle

C) Triangle

D) Rectangle

**Question 2**

**[2 marks]**

Which of the following is a square?

 Image of a square, circle, triangle, and rectangle

A) Image of a circle

B) Image of a square


C) Image of a triangle

D) Image of a rectangle

**Question 3**

**[2 marks]**

Identify the shape:

 Image of a triangle

A) Circle

B) Square


C) Triangle

D) Rectangle

**Question 4**

**[2 marks]**

Count how many blocks are in the picture.

 Image of 5 blocks

**Question 5**


**[2 marks]**

If I have 3 toy cars and I add 2 more, how many toy cars do I have now?

**Question 6**

**[2 marks]**

Count the number of fingers on this hand.

 Image of a hand with 5 fingers

**Question 7**

**[5 marks]**

Sort the pictures into groups of 1, 2, or 3 objects.



Images of 1 ball, 2 dolls, 3 cars, 1 book, 2 pencils, 3 blocks

**Question 8**

**[5 marks]**

Place the numbers 1, 2, and 3 in the correct boxes to match the number of objects in each picture.



Images with varying numbers of objects (e.g., 1 cat, 2 dogs, 3 birds)

## **Section 1: Shape Recognition**

Question 1: B) Circle

Question 2: B) Image of a square

Question 3: C) Triangle

## **Section 2: Counting Objects**

Question 4: 5

Question 5: 5

Question 6: 5

## **Section 3: Basic Number Concepts**

Question 7: Correct sorting and numbering of objects according to the given criteria

Question 8: Correct placement of numbers 1, 2, and 3 in the correct boxes

**Time Allocation:**

10-15 minutes

**Administration Tips:**

1. Ensure the assessment is conducted in a quiet and comfortable environment.
2. Use the images and objects provided to engage the children and make the assessment more interactive.
3. For children who may need extra support, consider providing additional time or using assistive technology.

### **For Children with Special Educational Needs:**

1. Provide tactile shapes for recognition.
2. Use assistive technology for counting objects, such as a touch screen that can display numbers.
3. Offer one-to-one support for picture sorting.

### **For English Language Learners:**

1. Use visual aids and gestures to explain instructions.
2. Provide bilingual support materials if possible.
3. Allow the use of a dictionary or visual dictionary.

### **For Gifted Children:**

1. Include more complex shapes (e.g., hexagon, octagon).
2. Increase the number of objects to count (e.g., up to 20).
3. Introduce basic addition and subtraction concepts within the picture sorting activity.

## Conclusion

Thank you for completing the Early Years Mathematics: Numbers and Shapes assessment. This assessment is designed to provide teachers with a comprehensive overview of each child's strengths and areas for development in these fundamental mathematical concepts.



## Assessment Outcomes

The assessment outcomes will be used to inform teaching strategies and provide feedback to children on their understanding of basic shapes, counting objects, and number concepts.

### Note to Teachers

Please ensure that the assessment is administered in a supportive and non-threatening environment. The assessment outcomes should be used to identify areas of strength and weakness, and to inform future teaching strategies.