

Shapes and Patterns Worksheet Class 3

Name: _____ Date: _____

A. Name the Shapes

Write the name of each shape.

- 1.  _____
- 2.  _____
- 3.  _____
- 4.  _____
- 5.  _____

B. Fill in the Blanks

- 1. A triangle has _____ sides and _____ corners.
- 2. A square has _____ equal sides.
- 3. A rectangle has _____ sides.
- 4. A circle has _____ corners.
- 5. A cube has _____ faces.
- 6. A cone has _____ circular face.

C. Count the Sides and Corners

Shape	Number of Sides	Number of Corners
Triangle	_____	_____
Square	_____	_____
Rectangle	_____	_____
Pentagon	_____	_____
Hexagon	_____	_____

D. Choose the Correct Answer

- 1. Which shape has 3 sides?
(a) Square (b) Triangle (c) Circle
- 2. Which shape has no sides?
(a) Circle (b) Rectangle (c) Triangle
- 3. Which shape has 4 equal sides?
(a) Rectangle (b) Square (c) Triangle

4. Which solid shape looks like a ball?
(a) Cube (b) Sphere (c) Cone
5. Which solid shape has 6 square faces?
(a) Cube (b) Cylinder (c) Cone

E. Complete the Patterns

Write the next two items.

1.       _____
2.       _____
3.       _____
4. 2, 4, 6, 8, _____, _____
5. 5, 10, 15, 20, _____, _____
6. 20, 18, 16, 14, _____, _____

F. Find the Rule

Write the rule used in each pattern.

1. 3, 6, 9, 12, 15
Rule: _____
2. 50, 45, 40, 35, 30
Rule: _____
3.      
Rule: _____

G. True or False

Write **True** or **False**.

1. A square has four equal sides. _____
2. A circle has four corners. _____
3. A triangle has three sides. _____
4. A rectangle has four sides. _____
5. A cube has six faces. _____

6. A sphere has corners. _____

H. Think and Answer

1. I have 4 equal sides and 4 corners. Who am I? Answer: _____

2. I have 3 sides and 3 corners. Who am I? Answer: _____

3. I have no corners and I am perfectly round. Who am I? Answer: _____

4. What comes next?  _____ Answer: _____

5. What comes next? 10, 20, 30, 40, _____ Answer: _____

I. Challenge Question

Look at the pattern: 

1. What is the repeating pattern? _____

2. What are the next **three** shapes?

3. How many circles are there in the first 9 shapes? _____

Draw and Create

1. Draw a square.

2. Draw a **triangle**.

3. Draw a **rectangle**.

Create your own repeating pattern using shapes:
