



# Year 2 Mathematics

## 2D Shapes - Worksheet 41

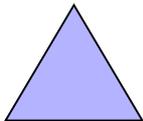
### Naming Shapes & Features

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

#### Section 1: Name the Shape (Fluency)

Look at each shape carefully. Write or circle its name.

**Question 1:** Look at the shape. Circle its name.

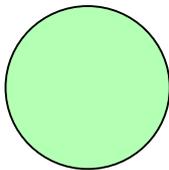


Triangle

Square

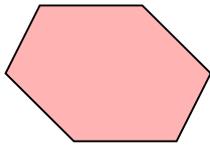
Circle

**Question 2:** What is the name of this shape?



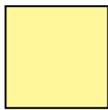
**Answer:** \_\_\_\_\_

**Question 3:** What is the name of this shape?



**Answer:** \_\_\_\_\_

**Question 4:** Circle the correct name for this shape.

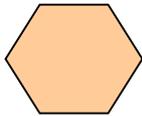


Rectangle

Square

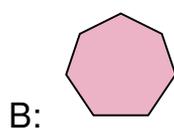
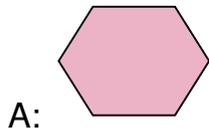
Pentagon

**Question 5:** What is the name of this shape?



**Answer:** \_\_\_\_\_

**Question 6:** Match the shape to its name: Pentagon



**Answer:** Shape \_\_\_\_\_



## Shape Superstar!

*What did the triangle say to the circle? You're POINTLESS!*

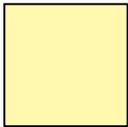




## Section 2: Sides and Corners (Reasoning)

Count the sides and corners carefully.

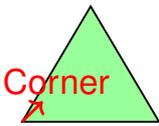
**Question 7:** How many sides does a square have?



Square

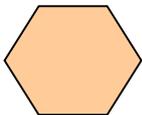
**Answer:** \_\_\_\_\_ sides

**Question 8:** How many corners does a triangle have?



**Answer:** \_\_\_\_\_ corners

**Question 9:** Count the sides of this shape.



**Answer:** \_\_\_\_\_ sides

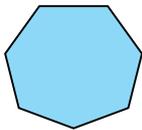
**Question 10:** How many corners does a rectangle have?



Rectangle

**Answer:** \_\_\_\_\_ corners

**Question 11:** This shape has how many sides?



Octagon

**Answer:** \_\_\_\_\_ sides

**Question 12:** Does a circle have corners?

**Circle:**

YES

NO

**Question 13:** A pentagon has \_\_\_\_\_ sides and \_\_\_\_\_ corners.



### Geometry Genius!

*Why did the square go to the party? Because it was a PERFECT shape for dancing!*



## Section 3: Who Am I? (Challenge)

Read the clues and name the shape.

**Question 14:** I have 8 sides and 8 corners. What shape am I?

**Answer:** \_\_\_\_\_

**Question 15:** I have 0 straight sides and 0 corners. What shape am I?

**Answer:** \_\_\_\_\_

**Question 16:** I have 3 sides and 3 corners. What shape am I?

**Answer:** \_\_\_\_\_

**Question 17:** I have 4 sides. All my sides are the same length. What shape am I?

**Answer:** \_\_\_\_\_

**Question 18:** I have 6 sides and 6 corners. What shape am I?

**Answer:** \_\_\_\_\_

**Question 19:** I have 5 corners. What shape am I?



Answer: \_\_\_\_\_

**Question 20:** I have 4 sides, but only 2 sides are the same length. What shape am I?

Answer: \_\_\_\_\_

### Mystery Solver!



*Why did the detective love shapes? Because every clue had a POINT!*





# Answer Key

## Worksheet 41: Naming Shapes & Features

### Section 1: Name the Shape

1. Circle: Triangle
2. Circle
3. Hexagon
4. Circle: Square
5. Hexagon
6. Shape A (6 sides = Hexagon; Shape B has 7 sides)

### Section 2: Sides and Corners

7. 4 sides
8. 3 corners
9. 6 sides
10. 4 corners
11. 8 sides
12. NO (a circle has no corners)
13. A pentagon has 5 sides and 5 corners

### Section 3: Who Am I?

14. Octagon



15. Circle
16. Triangle
17. Square
18. Hexagon
19. Pentagon
20. Rectangle (2 pairs of equal sides, but not all sides equal)





# Year 2 Mathematics

## 2D Shapes - Worksheet 42

Drawing & Comparing

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

### Section 1: Straight or Curved? (Fluency)

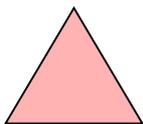
Identify which shapes have straight or curved sides.

Question 1: Which shape has curved lines?



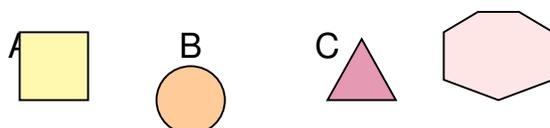
Answer: \_\_\_\_\_

Question 2: Does a triangle have straight or curved sides?



Answer: \_\_\_\_\_

Question 3: Circle ALL the shapes with straight sides only.





**Answer:** Circle \_\_\_\_\_

**Question 4:** Does a square have any curved sides?

**Circle:**            YES                            NO

**Question 5:** Which shape has ONLY curved lines and no straight lines?

**Rectangle**

**Circle**

**Triangle**

**Question 6:** True or False: A hexagon has curved sides.

**Circle:**            TRUE                            FALSE

### Curve Expert!



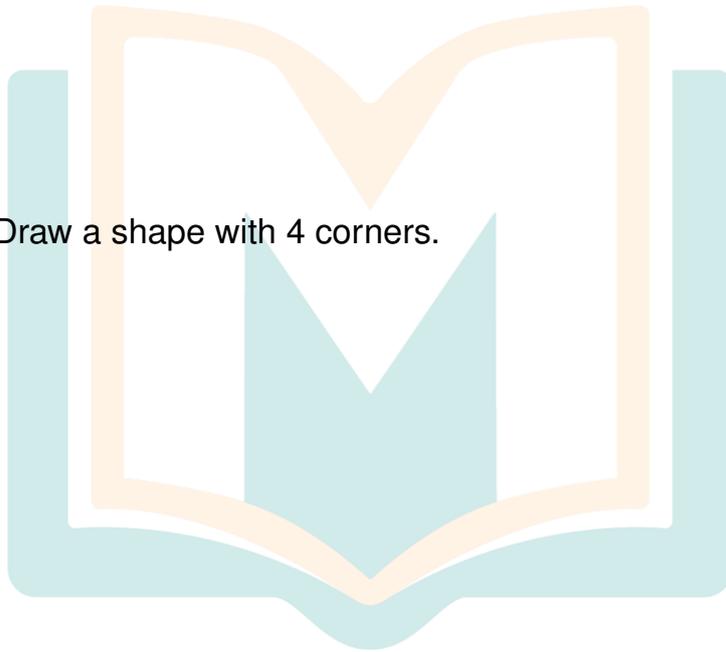
*Why did the circle win the race? Because it was WELL-ROUNDED!*



## Section 2: Drawing Shapes (Reasoning)

Draw the shapes as described.

**Question 7:** Draw a shape with 3 sides.



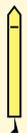
**Question 8:** Draw a shape with 4 corners.

**Question 9:** Draw a circle.

**Question 10:** Draw a shape with 5 sides.



**Question 11:** Draw a rectangle.



### Drawing Star!

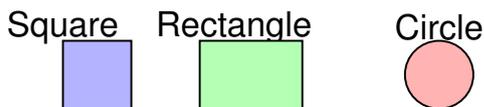
*Why did the pencil love drawing shapes? Because it always had a POINT!*



## Section 3: Sorting (Challenge)

Compare and sort shapes based on their features.

**Question 12:** Circle the odd one out.



**Answer:** \_\_\_\_\_ (Why? \_\_\_\_\_)

**Question 13:** How is a square different from a rectangle?

**Answer:** \_\_\_\_\_

**Question 14:** Which shapes have exactly 4 sides? Circle ALL.

Triangle      Square      Rectangle      Hexagon

**Question 15:** Sort these shapes into two groups: Shapes with corners and Shapes without corners.

**Circle, Triangle, Square, Rectangle**

**With corners:** \_\_\_\_\_

**Without corners:** \_\_\_\_\_

**Question 16:** True or False: All shapes with 4 sides are squares.



Circle:            TRUE                    FALSE

**Question 17:** What do a triangle, square, and pentagon all have in common?

**Answer:** \_\_\_\_\_

**Question 18:** Which shape is different: Triangle, Square, Rectangle, Pentagon? (Hint: Count sides)

**Answer:** \_\_\_\_\_

**Question 19:** Can a shape have 2 sides?

Circle:            YES                    NO

**Question 20:** Draw a shape that has more than 4 corners.



### **Shape Champion!**



*Why did the shapes go to school? To become more WELL-ROUNDED!*



# Answer Key

## Worksheet 42: Drawing & Comparing

### Section 1: Straight or Curved?

1. Circle (it has curved lines)
2. Straight (all three sides are straight)
3. Circle A, C, and D (all have only straight sides)
4. NO (a square has no curved sides)
5. Circle (only curved lines, no straight lines)
6. FALSE (a hexagon has straight sides)

### Section 2: Drawing Shapes

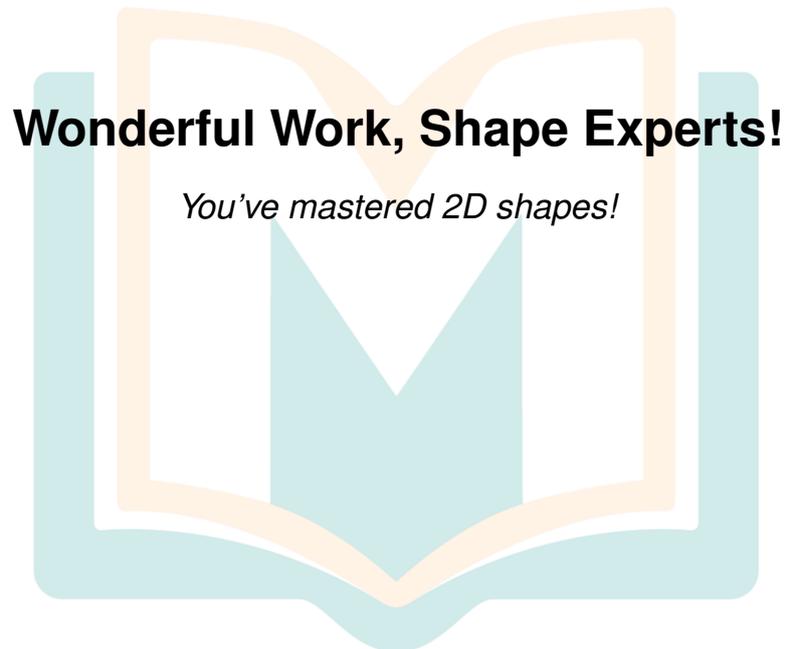
7. Draw a triangle (3 sides, 3 corners)
8. Draw any 4-sided shape (square, rectangle, or any quadrilateral)
9. Draw a circle (curved line, no corners)
10. Draw a pentagon (5 sides, 5 corners)
11. Draw a rectangle (4 sides, 4 corners, opposite sides equal)

### Section 3: Sorting

12. Circle (Why? It has curved sides/no straight sides/no corners)
13. A square has all 4 sides the same length, but a rectangle has 2 pairs of equal sides (or: square has all equal sides)
14. Circle: Square and Rectangle



15. With corners: Triangle, Square, Rectangle. Without corners: Circle
16. FALSE (rectangles also have 4 sides but are not squares)
17. They all have straight sides only (or: they all have corners/vertices)
18. Triangle (it has 3 sides, the others all have 4 or more)
19. NO (a shape must have at least 3 sides)
20. Draw any shape with 5+ corners (pentagon, hexagon, octagon, etc.)



**Wonderful Work, Shape Experts!**

*You've mastered 2D shapes!*