

Student Name: \_\_\_\_\_ Score: \_\_\_\_\_

## Polygons Trivia

1. What do you call a polygon with equal sides?

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

2. Which polygon has exactly five sides?

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

3. What formula is used to find the sum of the interior angles of a polygon?

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

4. What is the name of a polygon with four sides?

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

5. Which polygon has the least number of sides?

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

6. In a regular polygon, what do you call the distance from the center to the side?

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

7. What is the name of a polygon with ten sides?

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

8. How many sides are there in an octagon?

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

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Answers:

1. What do you call a polygon with equal sides?

Answer: **Regular Polygon**

2. Which polygon has exactly five sides?

Answer: **Pentagon**

3. What formula is used to find the sum of the interior angles of a polygon?

Answer:  **$(n-2) * 180$ , where  $n$  = number of sides of a polygon**

4. What is the name of a polygon with four sides?

Answer: **Quadrilateral**

5. Which polygon has the least number of sides?

Answer: **Triangle**

6. In a regular polygon, what do you call the distance from the center to the side?

Answer: **Apothem**

7. What is the name of a polygon with ten sides?

Answer: **Decagon**

8. How many sides are there in an octagon?

Answer: **Eight**