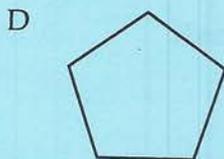
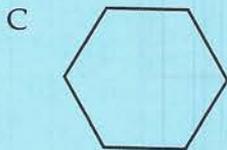
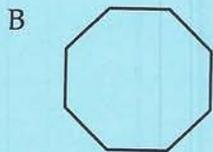
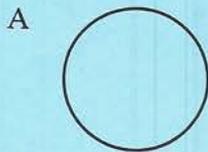
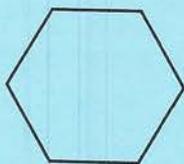


Sample Test Questions

1. Which figure is a circle?

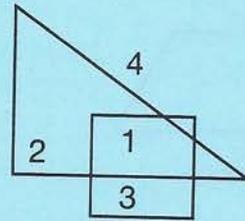


2. What is the name of the figure shown below?



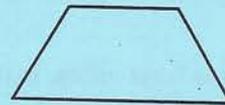
- A hexagon
- B octagon
- C pentagon
- D quadrilateral

3. Which number is inside both the triangle and the square?



- A 1
- B 2
- C 3
- D 4

4. Classify this polygon.



- A hexagon
- B pentagon
- C trapezoid
- D triangle

5. How many angles does a hexagon have?

- A 4
- B 5
- C 6
- D 8

6. Which figure has 3 fewer sides than an octagon?

- A hexagon
- B pentagon
- C quadrilateral
- D triangle

7. Classify this quadrilateral.

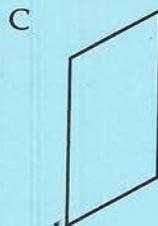
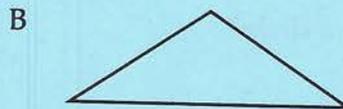


- A parallelogram
- B rectangle
- C rhombus
- D trapezoid

8. How is a trapezoid different from a parallelogram?

- A A trapezoid has all sides the same length, but a parallelogram does not.
- B A trapezoid has four sides, but a parallelogram does not.
- C A trapezoid has one pair of parallel sides, but a parallelogram has two pairs.
- D A trapezoid has two pairs of parallel sides, but a parallelogram has one pair.

9. Which of these figures is **not** a quadrilateral?



10. Which statement is true?

- A A circle is a quadrilateral.
- B All quadrilaterals are parallelograms.
- C Triangles have more sides than hexagons.
- D All trapezoids are quadrilaterals.

Name: _____

Polygons

1. How many sides does an octagon have? _____
2. How many angles does a triangle have? _____
3. Does a rectangle have more sides or angles? _____
4. How many sides does a pentagon have? _____
5. Which has more sides: a hexagon or a pentagon? _____
6. How many pairs of parallel lines does a trapezoid have? _____
7. How many pairs of parallel lines does a square have? _____
8. How many pairs of parallel lines does a triangle have? _____
9. What polygon has 6 sides and 6 angles? _____

10. Name four types of quadrilaterals.
_____, _____, _____, _____

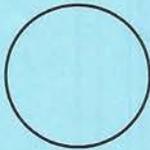
11. Does a polygon usually have more sides or more angles? Explain.

12. Is a cube a polygon? Why or why not?

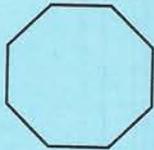
Sample Test Questions

1. Which figure is a circle?

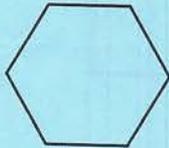
A



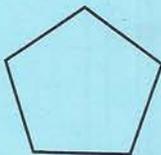
B



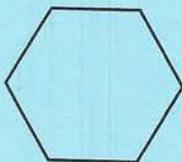
C



D

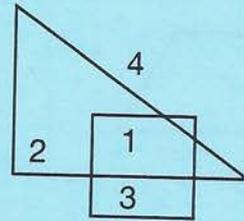


2. What is the name of the figure shown below?



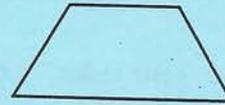
- A hexagon
- B octagon
- C pentagon
- D quadrilateral

3. Which number is inside both the triangle and the square?



- A 1
- B 2
- C 3
- D 4

4. Classify this polygon.



- A hexagon
- B pentagon
- C trapezoid
- D triangle

5. How many angles does a hexagon have?

- A 4
- B 5
- C 6
- D 8

6. Which figure has 3 fewer sides than an octagon?

- A hexagon
- B pentagon
- C quadrilateral
- D triangle

7. Classify this quadrilateral.

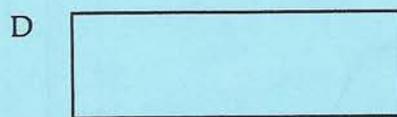
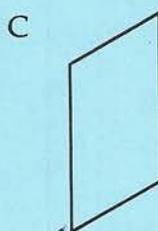
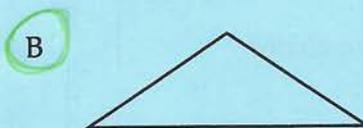


- A parallelogram
- B rectangle
- C rhombus
- D trapezoid

8. How is a trapezoid different from a parallelogram?

- A A trapezoid has all sides the same length, but a parallelogram does not.
- B A trapezoid has four sides, but a parallelogram does not.
- C A trapezoid has one pair of parallel sides, but a parallelogram has two pairs.
- D A trapezoid has two pairs of parallel sides, but a parallelogram has one pair.

9. Which of these figures is **not** a quadrilateral?



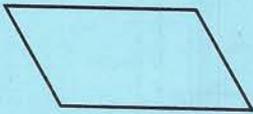
10. Which statement is true?

- A A circle is a quadrilateral.
- B All quadrilaterals are parallelograms.
- C Triangles have more sides than hexagons.
- D All trapezoids are quadrilaterals.

6. Which figure has 3 fewer sides than an octagon?

- A hexagon
- B pentagon
- C quadrilateral
- D triangle

7. Classify this quadrilateral.

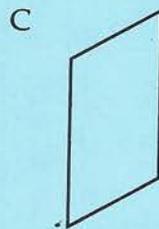
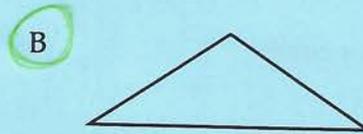


- A parallelogram
- B rectangle
- C rhombus
- D trapezoid

8. How is a trapezoid different from a parallelogram?

- A A trapezoid has all sides the same length, but a parallelogram does not.
- B A trapezoid has four sides, but a parallelogram does not.
- C A trapezoid has one pair of parallel sides, but a parallelogram has two pairs.
- D A trapezoid has two pairs of parallel sides, but a parallelogram has one pair.

9. Which of these figures is **not** a quadrilateral?



10. Which statement is true?

- A A circle is a quadrilateral.
- B All quadrilaterals are parallelograms.
- C Triangles have more sides than hexagons.
- D All trapezoids are quadrilaterals.

Name: _____

Polygons

1. How many sides does an octagon have?

8

2. How many angles does a triangle have?

3

3. Does a rectangle have more sides or angles?

4 (same)

4. How many sides does a pentagon have?

5

5. Which has more sides: a hexagon or a pentagon?

hexagon

6. How many pairs of parallel lines does a trapezoid have?

1

7. How many pairs of parallel lines does a square have?

2

8. How many pairs of parallel lines does a triangle have?

0

9. What polygon has 6 sides and 6 angles?

hexagon

10. Name four types of quadrilaterals.

Square, rectangle, parallelogram, rhombus

11. Does a polygon usually have more sides or more angles? Explain.

A polygon has the same # of sides + angles b/c they are a closed figure w/ no intersecting lines.

12. Is a cube a polygon? Why or why not?

A cube is not a polygon because it is a 3D shape.