

Classifying Polygons Exit Quiz

Part A Instructions: Choose the option that completes the sentence or answers the question.

1. A Dodecagon has _____ sides.

- a. 4
- b. 6
- c. 8
- d. 12

2. A Quadrilateral has _____ angles.

- a. 4
- b. 6
- c. 8
- d. 12

3. All of the following are regular polygons EXCEPT:

- a. Square
- b. Equilateral Triangle
- c. Rectangle
- d. Rhombus

4. Which of the following is NOT a quality of a polygon?

- a. It is formed by three or more line segments called sides.
- b. Each side intersects exactly two sides, one at each endpoint, so that no two sides with a common endpoint are collinear.
- c. They always have more than four sides.
- d. They are two dimensional.

5. A quadrilateral having two parallel and two non-parallel sides is known as _____.

- a. trapezium
- b. parallelogram
- c. rhombus
- d. rectangle

Part B Instructions: Answer the question below.

1. What will be the value of each angle in a regular hexagon if all angles are of same value?

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Answers: **Part A Instructions:** Choose the option that completes the sentence or answers the question.

6. A Dodecagon has _____ sides.

- a. 4
- b. 6
- c. 8
- d. 12

7. A Quadrilateral has _____ angles.

- a. 4
- b. 6
- c. 8
- d. 12

8. All of the following are regular polygons EXCEPT:

- a. Square
- b. Equilateral Triangle
- c. Rectangle
- d. Rhombus

9. Which of the following is NOT a quality of a polygon?

- a. It is formed by three or more line segments called sides.
- b. Each side intersects exactly two sides, one at each endpoint, so that no two sides with a common endpoint are collinear.
- c. They always have more than four sides.
- d. They are two dimensional.

10. A quadrilateral having two parallel and two non-parallel sides is known as _____.

- a. trapezium
- b. parallelogram
- c. rhombus
- d. rectangle

Part B Instructions: Answer the question below.

1. What will be the value of each angle in a regular hexagon if all angles are of same value?

_____ 120° _____