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

1. **A Dodecagon has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides.**
   1. 4
   2. 6
   3. 8
   4. 12
2. **A Quadrilateral has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ angles.**
   1. 4
   2. 6
   3. 8
   4. 12

1. **All of the following are regular polygons EXCEPT:**
   1. Square
   2. Equilateral Triangle
   3. Rectangle
   4. Rhombus

1. **Which of the following is NOT a quality of a polygon?**
   1. It is formed by three or more line segments called sides.
   2. Each side intersects exactly two sides, one at each endpoint, so that no two sides with a common endpoint are collinear.
   3. They always have more than four sides.
   4. They are two dimensional.

1. **A quadrilateral having two parallel and two non-parallel sides is known as \_\_\_\_\_\_\_\_\_\_\_.**
2. trapezium
3. parallelogram
4. rhombus
5. 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?**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. **A Dodecagon has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides.**
   1. 4
   2. 6
   3. 8
   4. 12
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   2. 6
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   1. Square
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1. **A quadrilateral having two parallel and two non-parallel sides is known as \_\_\_\_\_\_\_\_\_\_\_.**
   1. trapezium
   2. parallelogram
   3. rhombus
   4. 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°\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_