

1 Mark Each

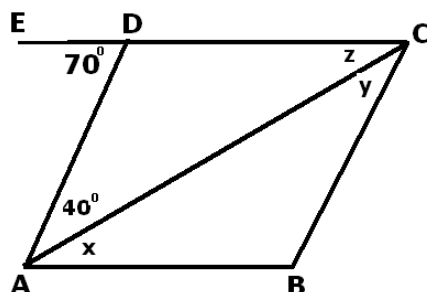
1. Define Polygon
2. A diagonal is a line segment _____
3. A regular polygon is _____
4. A regular polygon of four sides is called _____
5. Sum of interior angles of a pentagon is _____
6. Each parallelogram is a rectangle. Yes / No. Why?

2 Marks Each

7. Find each interior angle of a regular polygon.
8. Find the number of sides of a regular whose each exterior angle measures 45°

3 Marks Each

9. Two adjacent sides of a parallelogram are in ratio 2:3 and its perimeter is 60cm. Find all the sides of parallelogram.
10. The diagonals of a parallelogram are 6cm and 8cm. Find each side of rhombus.
11. Find x, y and z given ABCD is a parallelogram



6 Marks Each

12. Prove midpoint of a right triangle is equidistant from the three vertices using properties of rectangle.

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