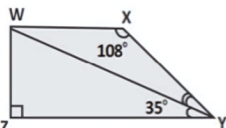
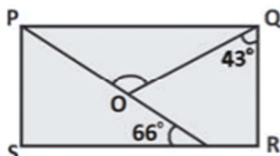


1. What is the measure of $\angle XYW$ of the trapezium $WXYZ$ given in the figure?



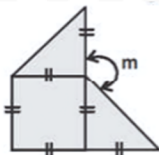
- (A) 28° (B) 33° (C) 55° (D) 37°

2. In the given rectangle PQRS, find the measure of $\triangle POQ$



- (A) 47° (B) 24° (C) 67° (D) 58°

3. The figure given is made up of a square and two isosceles triangles. What is the measure of the angle marked 'm'?

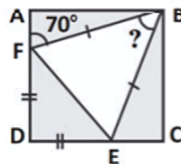


- (A) 105° (B) 95° (C) 135° (D) 85°

4. $\triangle BEF$ and $\triangle FED$ are two isosceles triangles in the square ABCD.

What is the measure of $\angle FBE$?

- (A) 85° (B) 65° (C) 50° (D) 130°





5. ABCD is a rhombus in which the altitude from D to side AB bisects AB, then $\angle A$ and $\angle B$ respectively are _____.

- (A) $60^\circ, 120^\circ$ (B) $120^\circ, 60^\circ$ (C) $80^\circ, 100^\circ$ (D) $100^\circ, 80^\circ$

6. The exterior angle of a regular polygon is one-third of its interior angle. How many sides does the polygon has?

- (A) 10 (B) 8 (C) 9 (D) 13

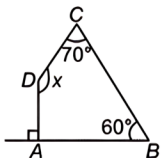
7. If the diagonals of a quadrilateral bisect each other at right angle, then it is a _____.

- (A) Kite (B) Parallelogram
(C) Rhombus (D) Rectangle

8. The number of sides of a regular polygon who's each exterior angles have a measure of 30° is _____.

- (A) 12 (B) 6 (C) 8 (D) 10

9. In the given figure, the value of x is _____.



- (A) 120° (B) 140° (C) 160° (D) 130°

10. If each pair of opposite sides of a quadrilateral are equal and parallel, then it is a _____.

- (A) Kite (B) Trapezium
(C) Parallelogram (D) None of these





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