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Class-IX (MATHS)

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Do yourself:-

1) Three angles of a quad are $75^\circ, 90^\circ, 75^\circ$. Find fourth angle.
(a) 90° (b) 95° (c) 105° (d) 120°

2) A diagonal of a rectangle is inclined to one side of the rectangle at 25° . The acute angle between diagonals is

(a) 55° (b) 50° (c) 40° (d) 25°

3) ABCD is a rhombus such that $\angle ACB = 40^\circ$, then $\angle ADB$ is

(a) 40° (b) 45° (c) 50° (d) 60°

(4) If angles A, B, C and D of a quad ABCD, taken in order, are in the ratio 3:7:6:4, then ABCD is a

(a) Rhombus (b) Parallelogram (c) Trapezium (d) Kite

(5) The figure obtained by joining the mid-points of the sides of a rhombus, taken in order is.

(a) a rhombus (b) Rectangle
(c) Square (d) Parallelogram