



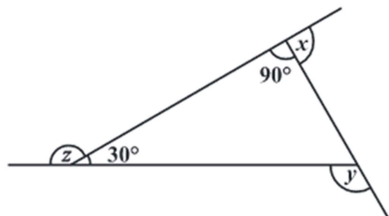
Chapter 3 Understanding Quadrilaterals

Name:

Class :VIII Sec:

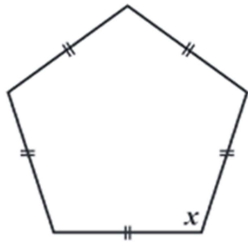
Multiple choice questions

- How many diagonals does a convex quadrilateral has?
A. one B. two C. three D. four
- What is the sum of all interior angles of a pentagon?
A. 180° B. 360° C. 540° D. 720°
- How many sides a regular polygon has whose each exterior is 45° ?
A. 8 B. 7 C. 6 D. 5
- What is the minimum interior angle possible for a regular polygon?
A. 60° B. 80° C. 120° D. 160°
- What is the maximum exterior angle possible for a regular polygon?
A. 60° B. 80° C. 120° D. 160°
- What is the perimeter of a parallelogram whose adjacent sides are 12 cm and 7 cm?
A. 28 cm B. 38 cm C. 84 cm D. 168 cm
- What is the area of a rectangle whose perimeter is 16 cm and length is 5 cm?
A. 3.2 sq. cm. B. 80 sq. cm. C. 15 sq. cm. D. 16 sq. cm.
- If the two adjacent angles of a parallelogram are equal, then each of its angles is?
A. 70° B. 80° C. 90° D. 100°
- If the two diagonals of a rhombus are 8 cm and 6 cm, its area is?
A. 28 sq. cm. B. 48 sq. cm. C. 14 sq. cm. D. 24 sq. cm.
- Which of these describes a trapezium?
A. A pair of opposite sides is parallel.
B. The diagonals bisect each other.
C. The diagonals are perpendicular to each other.
D. The diagonals are equal.
- Find $x+y+z$.



- A. 360° B. 140° C. 150° D. 108°

12. Find x.

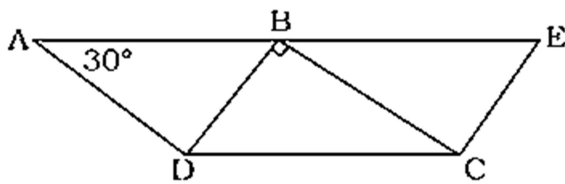


- A. 360° B. 140° C. 150° D. 108°

13. If two adjacent angles of a parallelogram are in the ratio 2:3, then the measure of the angles are

- A. 72° and 108° B. 36° and 54° C. 80° and 120° D. 96° and 144°

14. In the given figure, ABCD and BDCE are parallelograms with common base DC. If BC is perpendicular to BD, then find the angle of BEC.



- A. 60° B. 30° C. 150° D. 120°

15. For which of these are the diagonals perpendicular to each other?

- A. Parallelogram B. Kite C. Trapezium D. Rectangle