Assignment 7

Due on 2020-09-18, 00:00:00

1. The figure shows a quadrilateral. Which of the following statements are true?
   - (a) Opposite sides are parallel.
   - (b) All sides are equal.
   - (c) Diagonals are equal.

2. In the quadrilateral shown, which of the following statements are true?
   - (a) Opposite angles are equal.
   - (b) All angles are right angles.
   - (c) At least one pair of opposite sides are parallel.

3. In the quadrilateral shown, which of the following statements are true?
   - (a) Diagonals bisect each other.
   - (b) Diagonals are perpendicular.
   - (c) All sides are congruent.

4. The figure is a quadrilateral with sides labeled as follows:
   - (a) AB = 5 cm
   - (b) BC = 6 cm
   - (c) CD = 7 cm
   - (d) DA = 8 cm

5. In the quadrilateral shown, which of the following statements are true?
   - (a) Diagonals are equal.
   - (b) Opposite sides are equal.
   - (c) At least one pair of opposite angles are equal.

6. The figure shows a quadrilateral with sides labeled as follows:
   - (a) a = 3 cm
   - (b) b = 4 cm
   - (c) c = 5 cm
   - (d) d = 6 cm

7. The figure shows a quadrilateral with sides labeled as follows:
   - (a) x = 10 cm
   - (b) y = 12 cm
   - (c) z = 14 cm
   - (d) w = 16 cm

8. The figure shows a quadrilateral with vertices labeled as follows:
   - (a) A
   - (b) B
   - (c) C
   - (d) D

9. The figure shows a quadrilateral with sides labeled as follows:
   - (a) 3 cm
   - (b) 4 cm
   - (c) 5 cm
   - (d) 6 cm

10. The figure shows a quadrilateral with sides labeled as follows:
     - (a) AB = 5 cm
     - (b) BC = 6 cm
     - (c) CD = 7 cm
     - (d) DA = 8 cm

11. The figure shows a quadrilateral with sides labeled as follows:
     - (a) AB = 3 cm
     - (b) BC = 4 cm
     - (c) CD = 5 cm
     - (d) DA = 6 cm

12. The figure shows a quadrilateral with sides labeled as follows:
     - (a) AB = 10 cm
     - (b) BC = 12 cm
     - (c) CD = 14 cm
     - (d) DA = 16 cm

13. The figure shows a quadrilateral with sides labeled as follows:
     - (a) 3 cm
     - (b) 4 cm
     - (c) 5 cm
     - (d) 6 cm

14. The figure shows a quadrilateral with sides labeled as follows:
     - (a) 3 cm
     - (b) 4 cm
     - (c) 5 cm
     - (d) 6 cm

15. The figure shows a quadrilateral with sides labeled as follows:
     - (a) 3 cm
     - (b) 4 cm
     - (c) 5 cm
     - (d) 6 cm