



Name: _____

Date: _____

1. Which quadrilateral has exactly one pair of parallel sides?

square

rhombus

trapezoid

rectangle

2. True or false: A trapezoid has 2 pairs of parallel sides.

3. Three angles of a quadrilateral are 99° , 79° , and 86° . What is the fourth angle? ____°

4. True or false: A rhombus has diagonals that cross at right angles.

5. A quadrilateral has 4 equal sides and 4 right angles. What is its MOST specific name?

rhombus

rectangle

square

parallelogram

6. A rhombus has all sides equal to 9 cm. What is its perimeter?

36 cm

81 cm

18 cm

38 cm



7. Which quadrilateral has 4 equal sides and 4 right angles?

rectangle

rhombus

square

parallelogram

8. True or false: Every rectangle is a square.

9. A quadrilateral has 2 pairs of parallel sides, no right angles, sides not all equal. What is its MOST specific name?

rectangle

parallelogram

rhombus

trapezoid

10. Which quadrilateral has 4 right angles, opposite sides equal?

rectangle

parallelogram

rhombus

square

11. True or false: Every square is also a rectangle.

12. True or false: A square has diagonals that are equal and cross at right angles.



13. Which quadrilateral has 2 pairs of parallel sides?

parallelogram

rhombus

rectangle

square

14. True or false: A rectangle has 4 lines of symmetry.

15. A quadrilateral has 4 equal sides but no right angles. What is its MOST specific name?

rectangle

parallelogram

square

rhombus

16. Which quadrilateral has 4 equal sides, not always right angles?

rectangle

parallelogram

rhombus

square

17. True or false: A parallelogram has exactly one pair of parallel sides.

18. True or false: A parallelogram has opposite angles equal.



Answer Key

1. **trapezoid** A trapezoid has exactly one pair of parallel sides.
2. **False** "A trapezoid has 2 pairs of parallel sides" is false.
3. **96** Angles of a quadrilateral sum to 360° . $360 - (99 + 79 + 86) = 96^\circ$.
4. **True** "A rhombus has diagonals that cross at right angles" is true.
5. **square** With 4 equal sides and 4 right angles, the most specific name is square.
6. **36 cm** All 4 sides are 9: perimeter = $4 \times 9 = 36$ cm.
7. **square** A square has 4 equal sides and 4 right angles.
8. **False** "Every rectangle is a square" is false.
9. **parallelogram** With 2 pairs of parallel sides, no right angles, sides not all equal, the most specific name is parallelogram.
10. **rectangle** A rectangle has 4 right angles, opposite sides equal.
11. **True** "Every square is also a rectangle" is true.
12. **True** "A square has diagonals that are equal and cross at right angles" is true.
13. **parallelogram** A parallelogram has 2 pairs of parallel sides.
14. **False** "A rectangle has 4 lines of symmetry" is false.
15. **rhombus** With 4 equal sides but no right angles, the most specific name is rhombus.
16. **rhombus** A rhombus has 4 equal sides, not always right angles.
17. **False** "A parallelogram has exactly one pair of parallel sides" is false.
18. **True** "A parallelogram has opposite angles equal" is true.