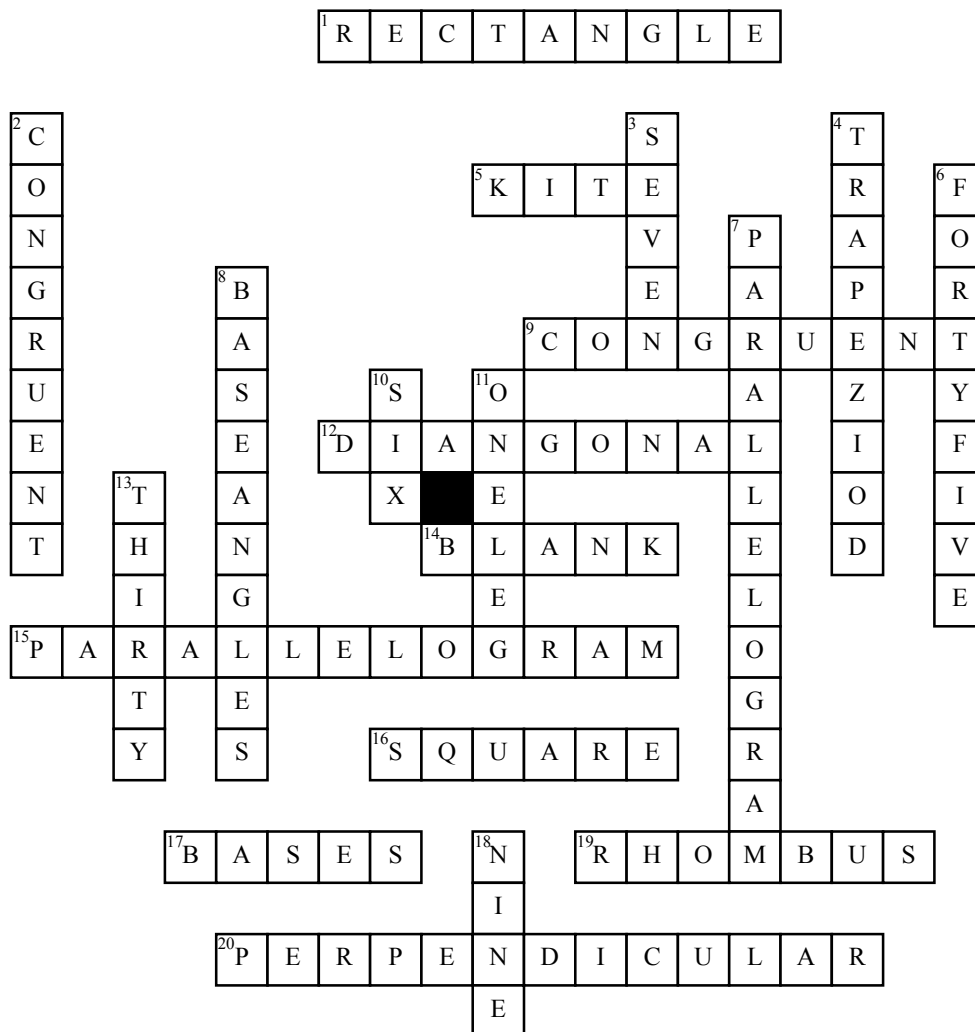


# Quadrilaterals, Chapter 6



## Across

1. A parallelogram with four right angles
5. Quadrilateral with exactly two pairs of consecutive congruent sides.
9. If a parallelogram is a rectangle, then its diagonals are?
12. A polygon is a segment that connects any two nonconsecutive vertices
14. if parrallagram is ..... then the diagononals are congruent
15. Quadrilateral with both pairs of opposite sides parallel
16. Parallelogram with four congruent sides and four right angles

17. A quadrilateral with exactly two pairs of consecutive congruent sides
19. A parallelogram with all four sides congruent
20. If a parallelogram is a rhombus, then its diagonals are?

## Down

2. if a trapezoid is isosceles, then each pair of base angles is what
3. how many triangles does a nonagon have
4. a quadrilateral with exactly one pair of parallel sides
6. If there was a 45, 90 degree angle, what is the other angle

7. If both pairs of opposite sides of a quadrilateral are congruent, then the quadrilateral is a what?

8. the angles formed by the base and one of the legs of a trapezoid

10. how many sides does a hexagon have?

11. What are base angles formed with?

13. if you have and 90 degree and 60 degree angle in a triangle what is the other angle

18. how many sides does a nonagon have?

## Word Bank

base angles

Square

blank

Kite

Parallelogram

seven

six

Rhombus

Perpendicular

one leg

thirty

rectangle

nine

congruent

forty five

Diagonal

Trapezoid

Parallelogram

congruent

bases