


# Kite

**A quadrilateral with two distinct pairs of equal adjacent sides.** ... A kite is a member of the quadrilateral family, and while easy to understand visually, is a little tricky to define in precise mathematical terms. It has two pairs of equal sides.



**KITE**  
a quadrilateral with two pairs of adjacent (touching), congruent (equal-length) sides.

- ◆ a plane figure
- ◆ a closed shape
- ◆ a polygon

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Identifying properties of **KITE**

**sides**


- have two pairs of adjacent, congruent sides

**angles**

- the interior angles of the unequal-length sides will always be equal

**diagonals**

- the diagonals intersect at 90 degrees
- one of the diagonals bisects the other diagonal



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