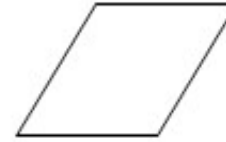


## Quadrilateral

- Angles add to 360

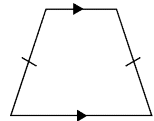
## Parallelogram

- Quadrilateral with 2 pairs of parallel sides
- Opposite angles congruent
- Opposite sides congruent
- Diagonals bisect each other



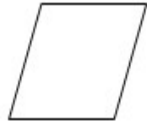
## Isos. Trapezoid

- 2 congruent sides
- Base angles congruent
- Diagonals congruent



## Rhombus

- 4 congruent sides
- Diagonals perpendicular
- Diagonals are angle bisectors



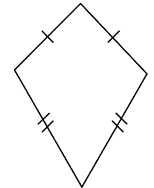
## Rectangle

- 4 right angles
- Diagonals congruent



## Kite

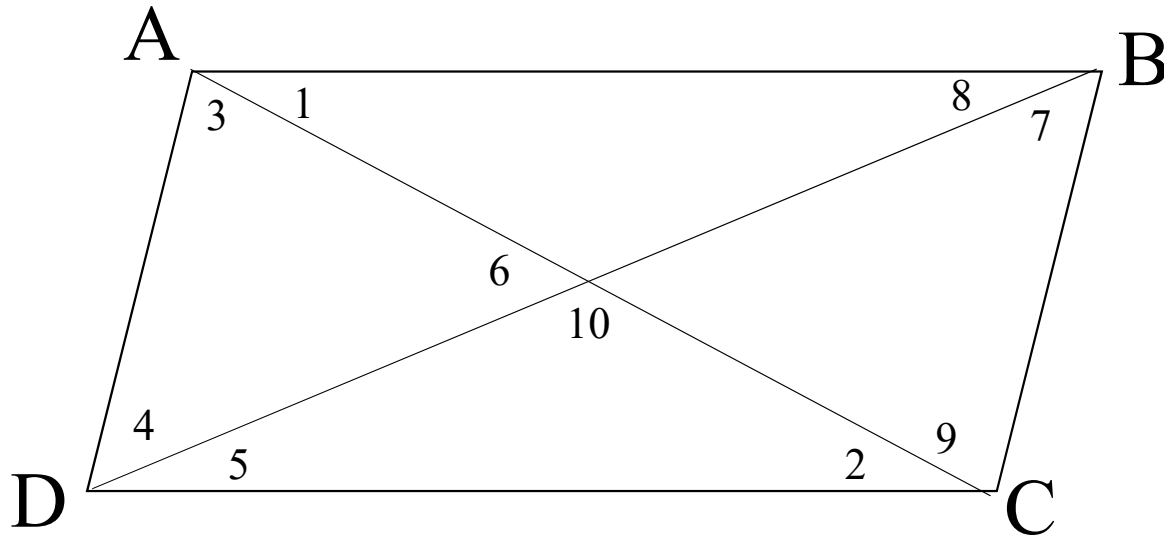
- 2 pairs of consec. sides congruent
- 1 pair opp. angles cong.
- Diagonals perpendicular



## Square

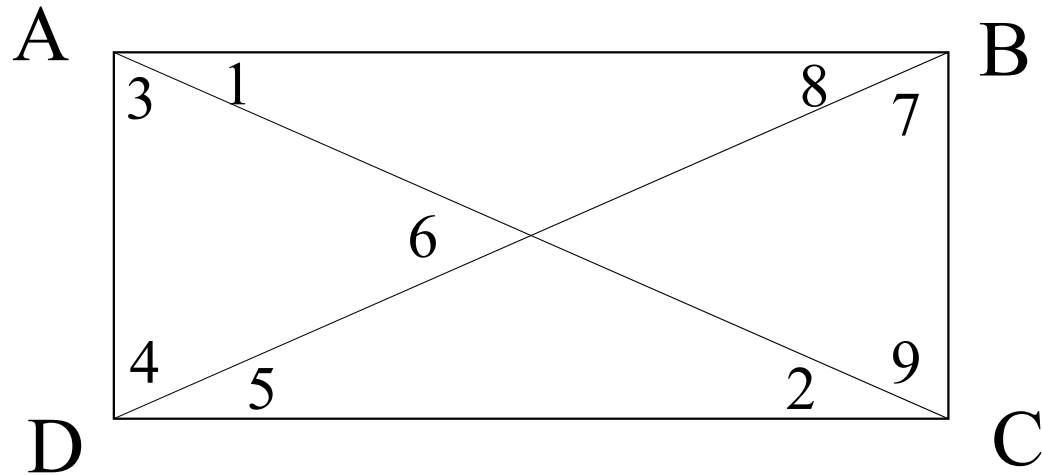


# Angle Chasers #1



ABCD is a parallelogram, and  $m\angle 1 = 46^\circ$ ,  $m\angle 6 = 65^\circ$ ,  $m\angle 4 = 48^\circ$ .  
Find all the other angle measures.

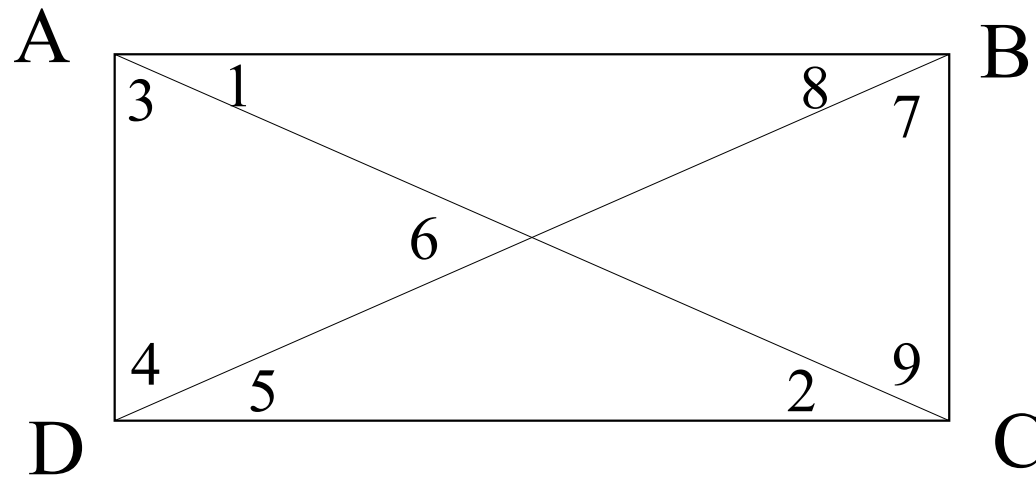
## Angle Chasers #2



ABCD is a rectangle.

If  $m\angle 2$  is  $36^\circ$ , find all the missing angles.

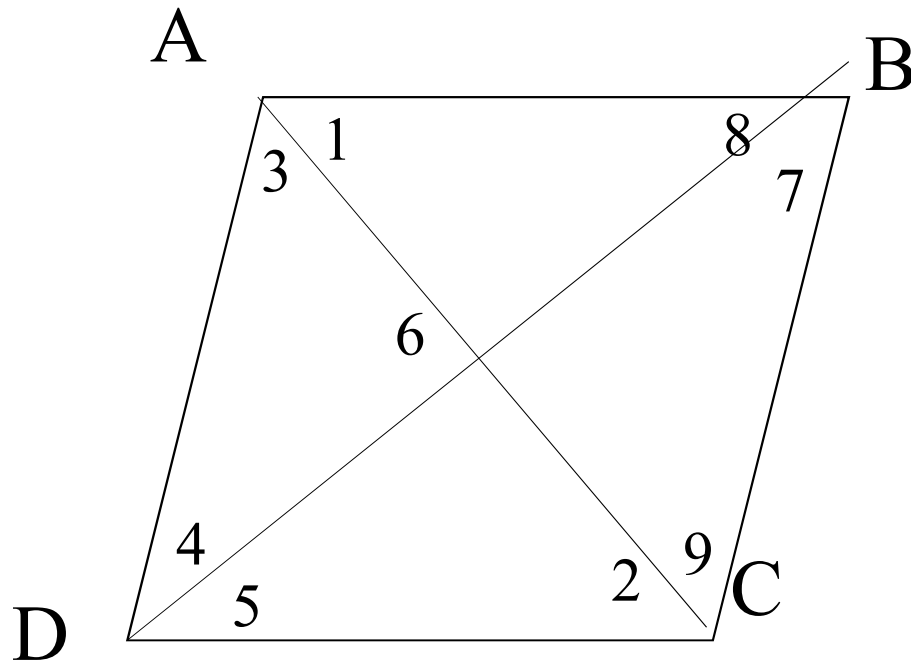
## Angle Chasers #3



ABCD is a rectangle.

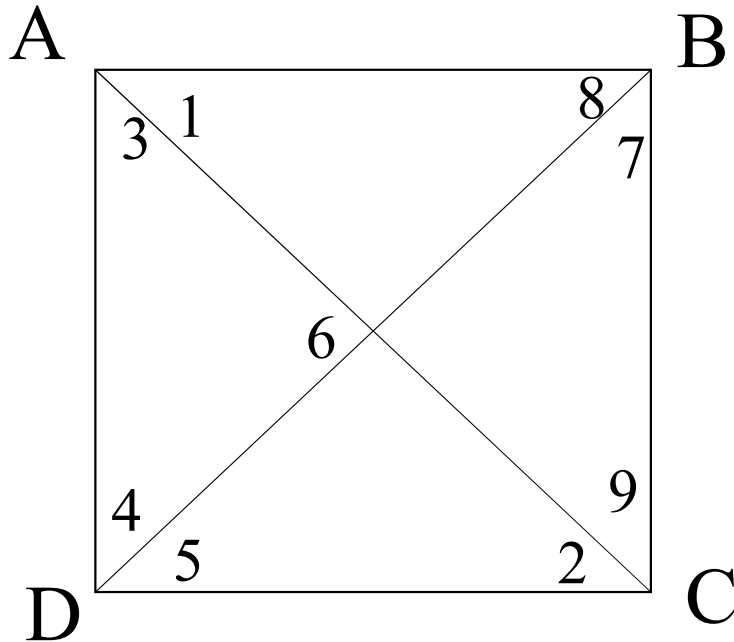
If  $m \angle 6 = 50^\circ$ , find all the missing angles.

## Angle Chasers #4



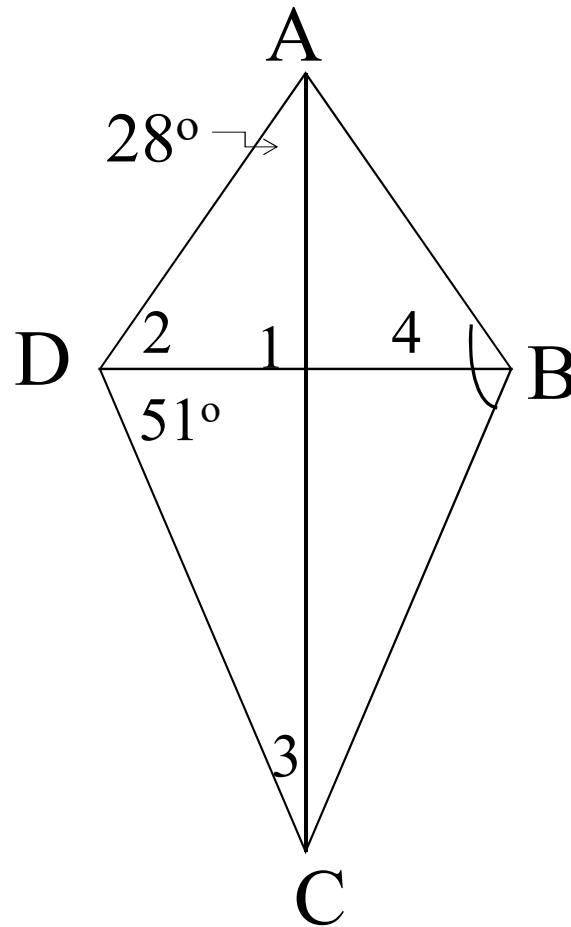
ABCD is a rhombus and  $m \angle BAD = 124^\circ$ .  
Find each angle measure.

## Angle Chasers #5



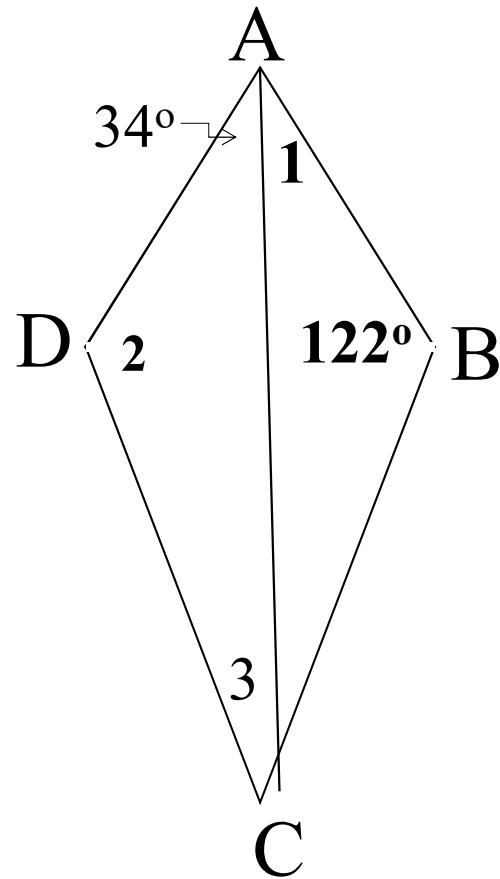
ABCD is a square. Find each angle measure.

## Angle Chasers #6



ABCD is a kite. Find each angle measure.

## Angle Chasers #7



ABCD is a kite. Find each angle measure.



## Angle Chasers #8

TRAP is an isosceles trapezoid. Find each indicated measure.

