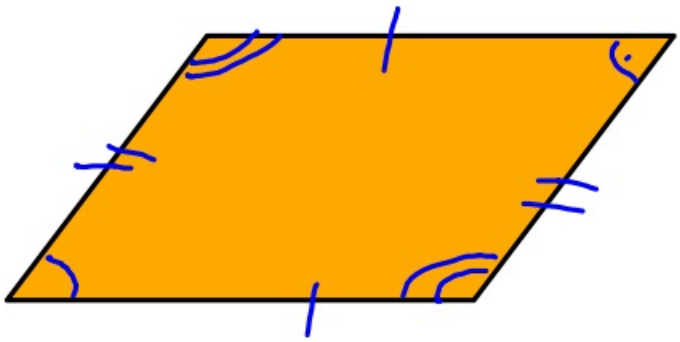
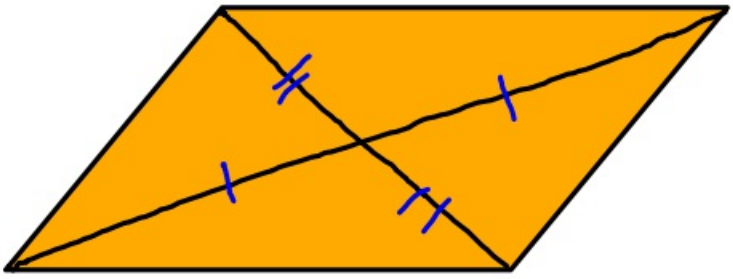
11-17-17 5th Geo

Parallelograms



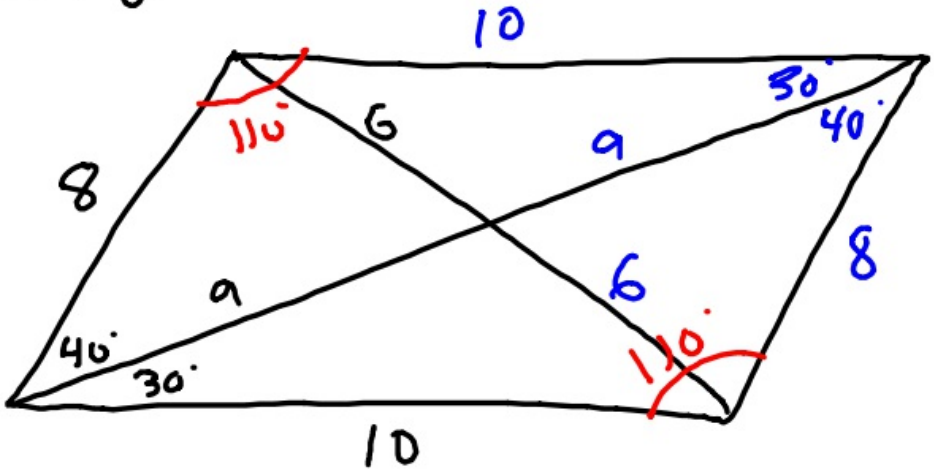
1. Opposite sides are parallel
2. Opposite sides are $\cong$ in length
3. Opposite angles are $\cong$
4. Consecutive $\angle$'s are supplementary



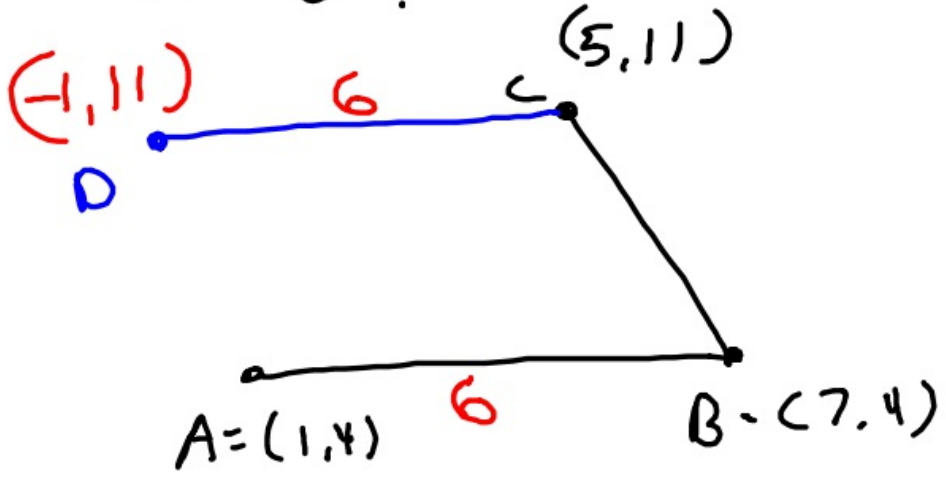
Diagonals

1. Diagonals bisect each other

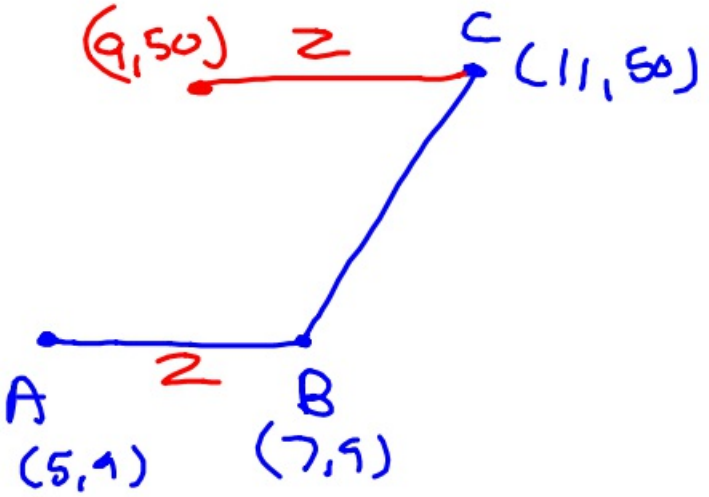
Parallelogram



(1) You have three points in parallelogram ABCD. A=(1,4) B=(7,4) and C=(5,11). Where is D?



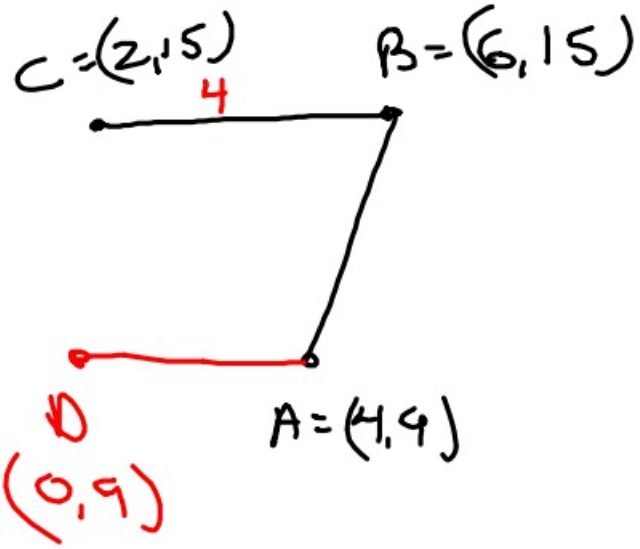
② Find D in parallelogram ABCD if A = (5, 9), B = (7, 9), and C = (11, 50).



③ Parallelogram ABCD

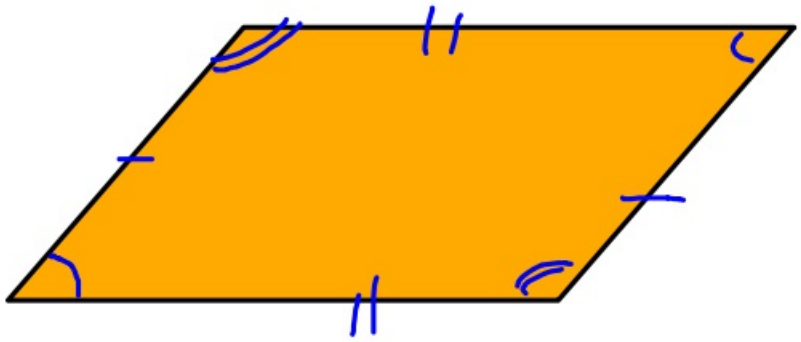
A = (4, 9) B = (6, 15) C = (2, 15).

Find D.

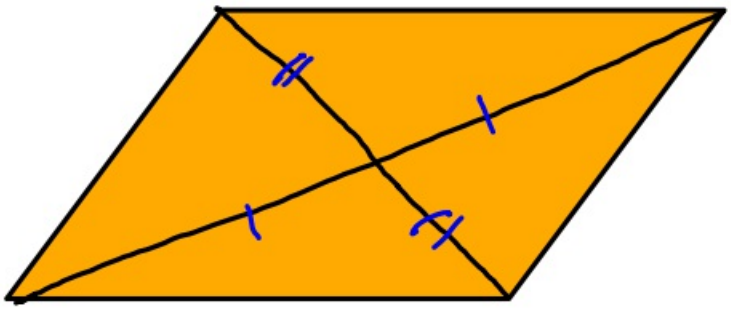


11-17-17 6th Geo

Parallelogram

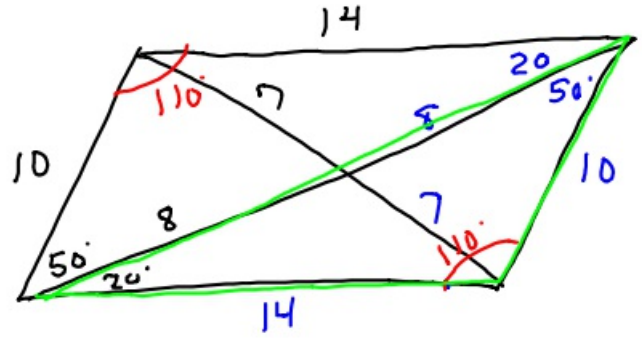


① Opposite sides are = in length
② Opposite ∠'s are =
③ Opposite sides are parallel
④ Consecutive angles are supplementary



⑤ Diagonals bisect each other

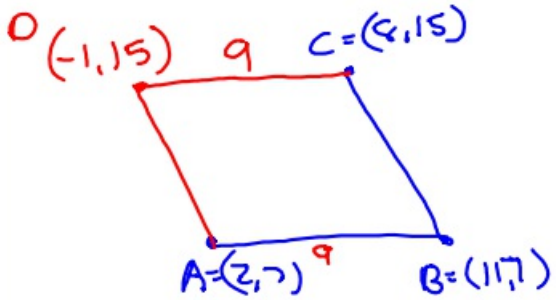
① Parallelogram



② I have parallelogram ABCD

A = (2, 7) B = (11, 7)

C = (8, 15). Find D.



③ Parallelogram ABCD

A = (1, 5) B = (4, 5)

C = (11, 10) D = ?