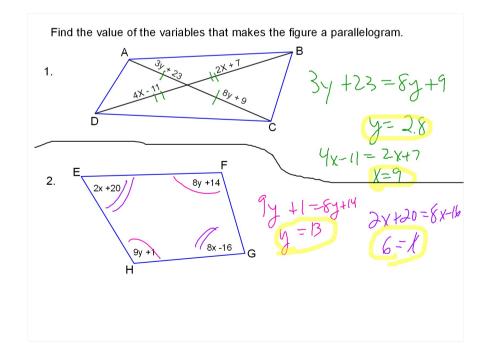
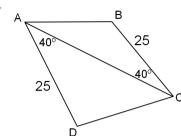
Ways to prove that a Quadrilateral is a Parallelogram:

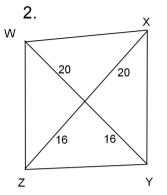
- If both pairs of opposite sides are PARALLEL
- If both pairs of opposite sides are CONGRUENT
- If both pairs of opposite angles are CONGRUENT
- If the diagonals bisect each other
- If one pair of opposite sides is both parallel and congruent

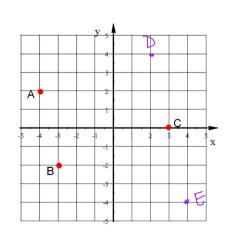


Is each quadrilateral a parallelogram?

1.





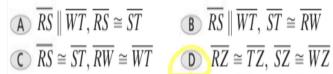


1. Find point D so that ABCD is a parallelogram.

D (2,4)

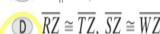
2. Find point E so that ABEC is a parallelogram.

Multiple Choice From which given information can you conclude that RSTW is a parallelogram?





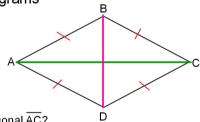




This shows that the diagonals bisect each other.

Sec 6-4: Special Parallelograms

Rhombus



What happens when you draw diagonal  $\overline{AC}$ ?

Angles A and C are bisected

What happens when you draw diagonal BD?

Angles B and D are bisected

Hwk #18

Sec 6-3

Pages 324-326

Problems 2, 5, 15, 16, 22, 23