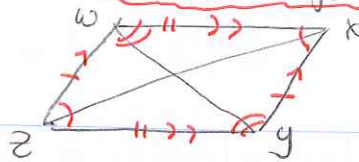


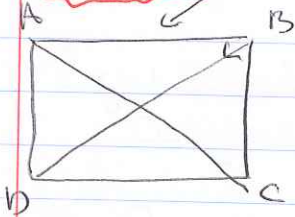
# 6-4 Properties of Special Parallelograms

## Parallelogram



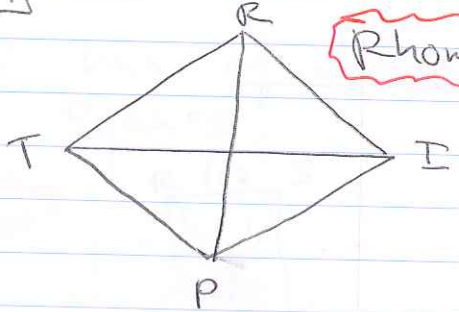
- 2 prs of  $\parallel$  and  $\cong$  sides
- opposite angles  $\cong$
- consecutive  $\angle$ 's Supplementary
- diagonals bisect

## Rectangle



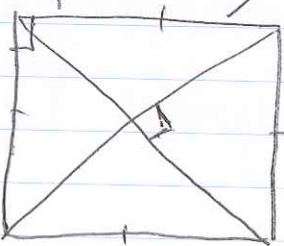
- All characteristics of Parallelogram +
- diagonals  $\cong$
  - all  $\angle$ 's  $\cong 90^\circ$

## Rhombus



- All characteristics of Parallelograms +
- diagonals  $\perp$
  - all sides  $\cong$

## Square



All characteristics of parallelogram, rectangle and rhombus.

- opposite sides  $\parallel$  and  $\cong$
- All angles  $90^\circ$
- All sides  $\cong$
- Diagonals bisect,  $\cong$ ,  $\perp$