

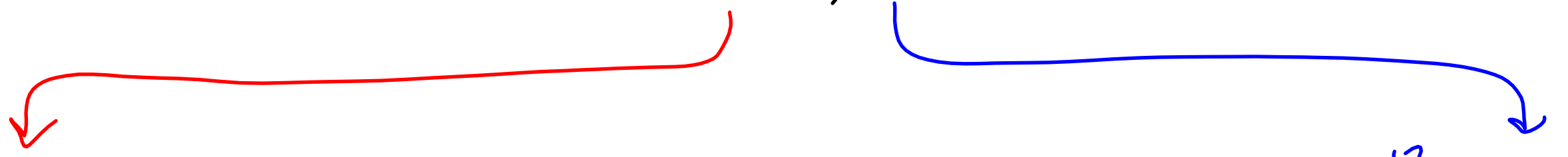
# Rhombi / Rectangles / Squares

Parallelograms

Rhombi  
(4  $\cong$  sides)

Rectangles  
(4 right  $\angle$ 's)

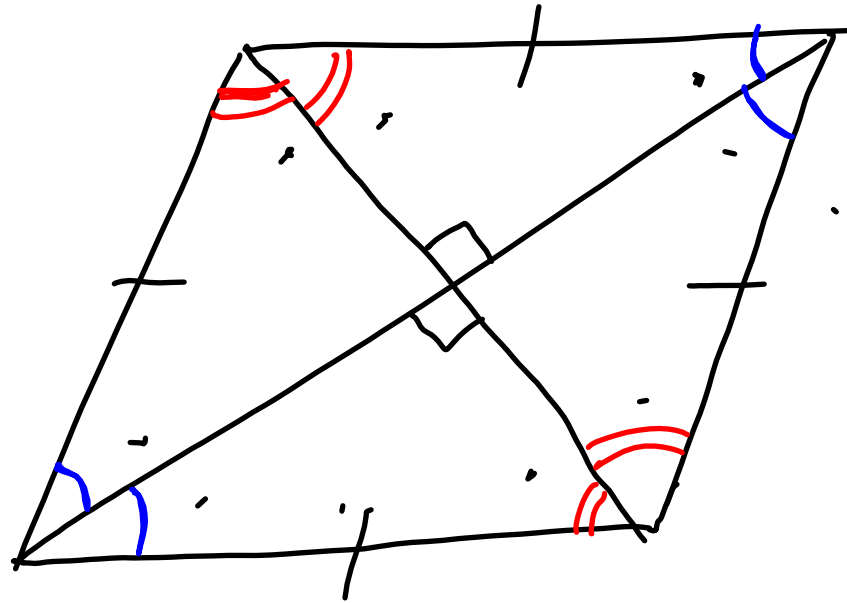
Squares  
(4  $\cong$  sides AND 4 right  $\angle$ 's)



# - Rhombus Properties

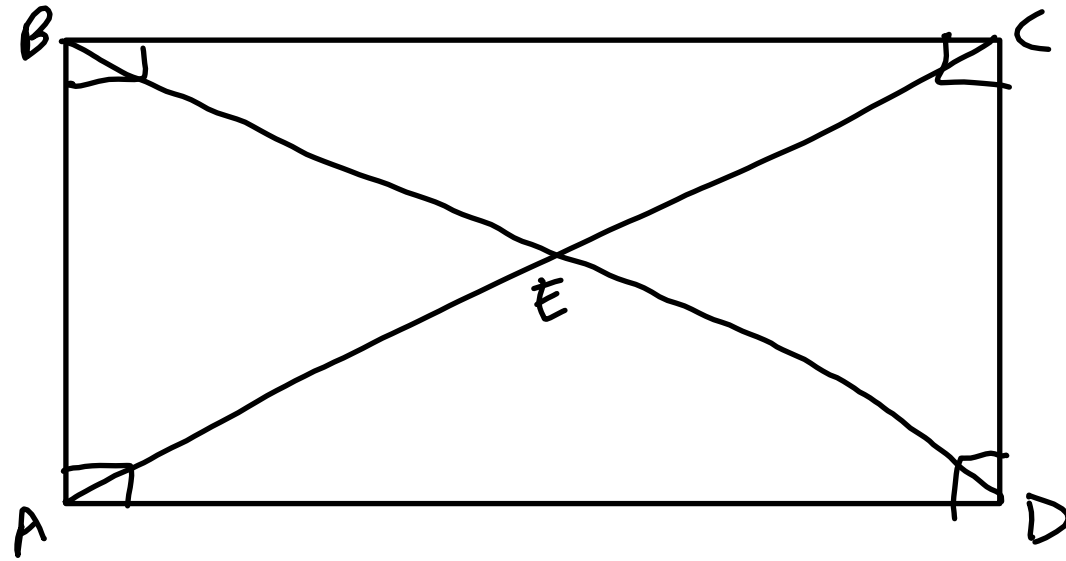
→ Diagonals are perpendicular

→ Diagonals bisect opposite angles



- Rectangle Properties

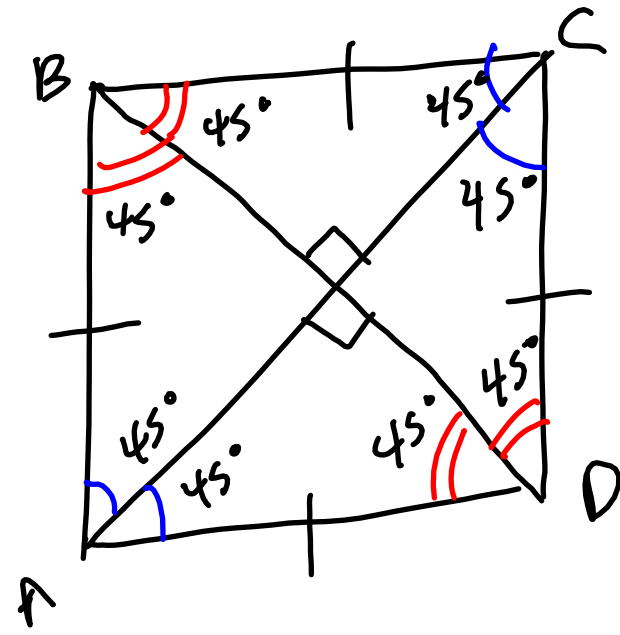
→ Diagonals are congruent



$$\overline{AC} \cong \overline{BD}$$
$$\downarrow$$
$$\overline{AE} \cong \overline{CE} \cong \overline{BE} \cong \overline{DE}$$

# - Square Properties

- Diagonals are perpendicular
- Diagonals bisect opposite angles
- Diagonals are congruent



HW: p. 379 → 8-38 even  
p. 386 → 8-18 even (omit 16)