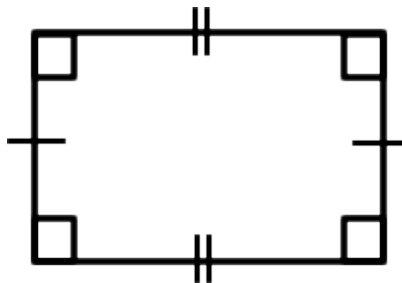


**Rectangles** have the following properties:

- Opposite sides equal & parallel
- All right angles

**Additional information about rectangles:**

- Note that since all of the angles are right angles, they are also congruent.
- Because their opposite sides are parallel, **rectangles are also classified as parallelograms.**
- We use the following symbols to show congruent sides and angles:

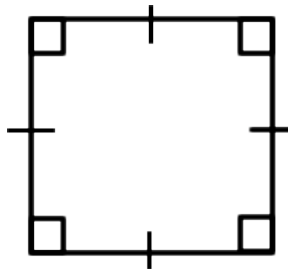


**Squares** have the following properties:

- All sides equal
- Opposite sides parallel
- All  $90^\circ$  angles

**Additional information about squares:**

- Note that since all of the angles are right angles, they are also congruent.
- Because their opposite sides are parallel, **squares are also classified as parallelograms.**
- Since all their sides are congruent, **squares are also rhombi (rhombus).**
- Finally, **squares are also rectangles** because their opposite sides are congruent.
- We use the following symbols to show congruent sides and angles:



**Parallelograms** have the following properties:

- Opposite sides equal
- Opposite sides parallel
- Opposite angles equal

