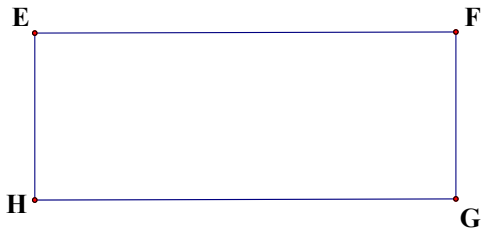**Homework:** _____

Learning Targets:

7e.   Understanding of how to determine the type of special parallelogram given the special properties.
7f.   Understanding of how to write and solve equations for angles and sides of rectangles, rhombi, and squares.

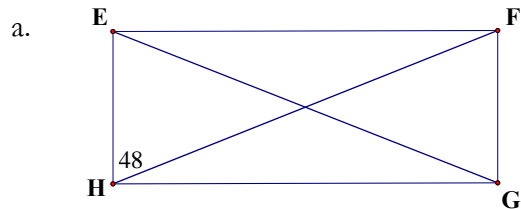## Rectangle

A parallelogram with four _____

Rules

1 ➔ 4 _____

5.   Diagonals are _____

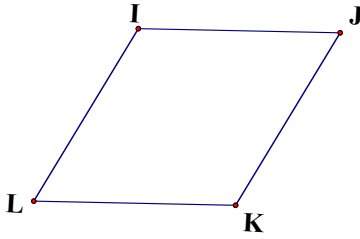Examples: Find the missing angle measures.

a.

Examples: Given rectangle ABCD, find the length of the diagonals.

a. $AC = 5x - 2 \text{ and } BD = 2x + 10$

Rhombus

A parallelogram with four _____

I   J

L   K

<u>Rules</u>
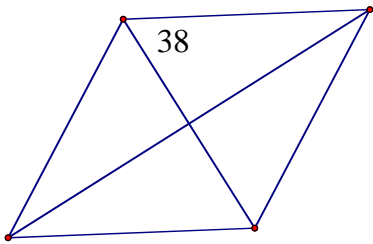
1 ➜ 4 _____

5. Diagonals are _____

6. Diagonals _____angles

<u>Examples:</u>   Find the missing angle measures.

a.   38

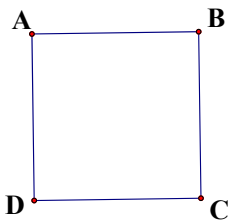# Square

A parallelogram with four _____ and four _____

A   B

D   C

<u>Rules</u>

<u>Examples:</u>   Find the missing angle measures.

a.