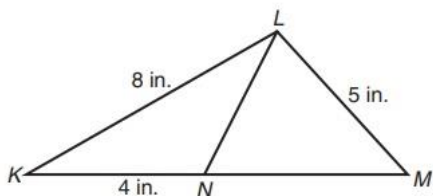


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

### Similar Triangle Relationships

1)

$\overline{LN}$  bisects  $\angle L$ . Calculate  $NM$ .

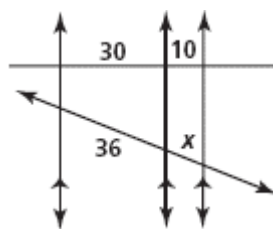


Name the Theorem:

Write the correct proportion:

Solve for the missing length (NM):

2)

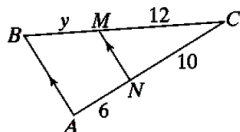


Name the Theorem:

Write the correct proportion:

Solve for the missing length:

3)

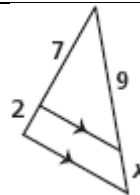


Name the Theorem:

Write the correct proportion:

Solve for the missing length:

4)



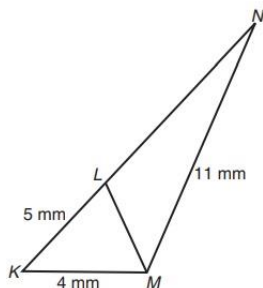
Name the Theorem:

Write the correct proportion:

Solve for the missing length:

5)

$\overline{ML}$  bisects  $\angle M$ . Calculate  $NL$ .

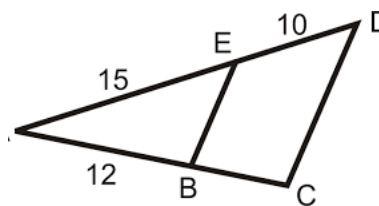


Name the Theorem:

Write the correct proportion:

Solve for the missing length:

6)



Name the Theorem:

Write the correct proportion:

Solve for the missing length(BC):

7)

Name the Theorem:

Write the correct proportion:

Solve for the missing length:

8)

Name the Theorem:

Write the correct proportion:

Solve for the missing length:

9)

Name the Theorem:

Write the correct proportion:

Solve for the missing length:

10)

Name the Theorem:

Write the correct proportion:

Solve for the missing length:

11)

Name the Theorem:

Write the correct proportion:

Solve for the missing length:

12)

Name the Theorem:

Write the correct proportion:

What is the relationship between DE and AB?