Name:_____Date:_____Period:_____

Similar Triangle Relationships G.SRT

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:

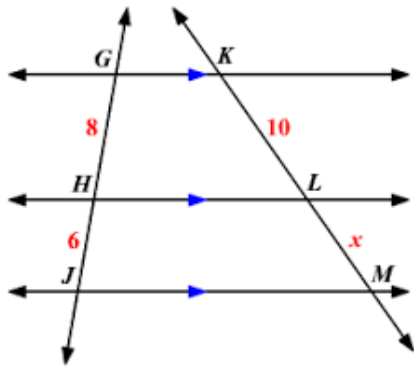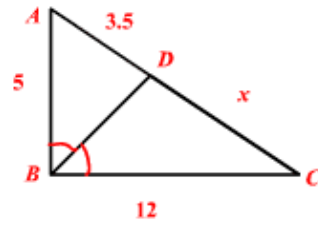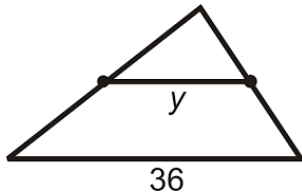Write the correct proportion:

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:
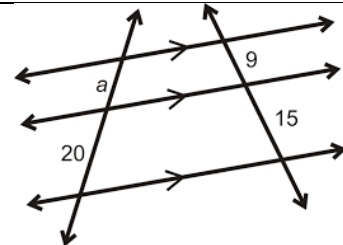
Solve for the missing length:

9)

Name the Theorem:

Write the correct proportion:

Solve for the missing length:
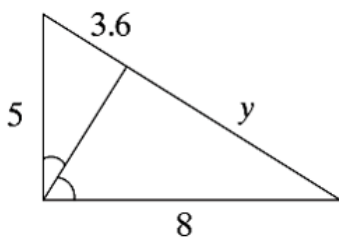
10)

Name the Theorem:

Write the correct proportion:

Solve for the missing length:
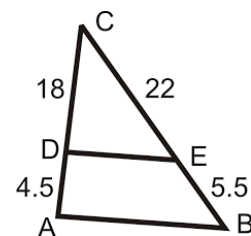
11)

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?