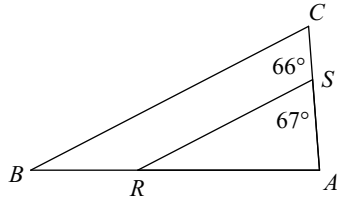


Day 4 HOMEWORK

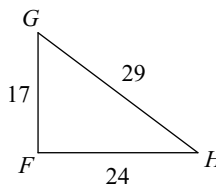
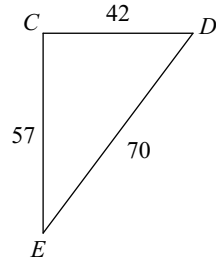
A) State if the triangles in each pair are similar. If similar: B) state how you know they are similar and C) complete the similarity statement. If not similar skip B & C.

1)



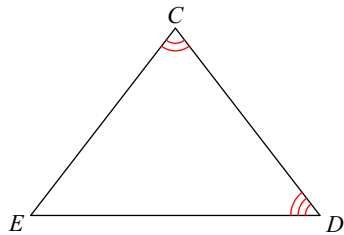
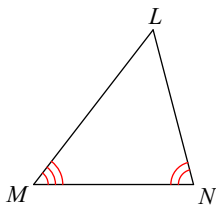
$\triangle ABC \sim$  \_\_\_\_\_

2)



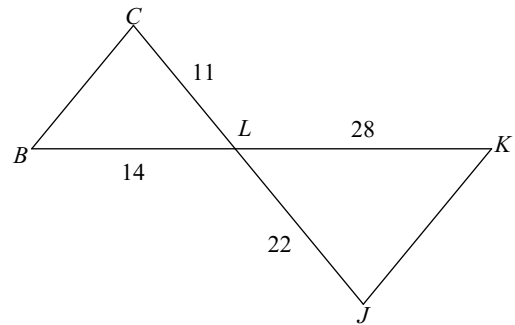
$\triangle CDE \sim$  \_\_\_\_\_

3)



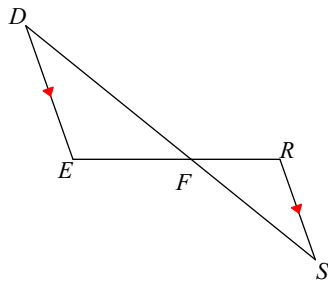
$\triangle CDE \sim$  \_\_\_\_\_

4)



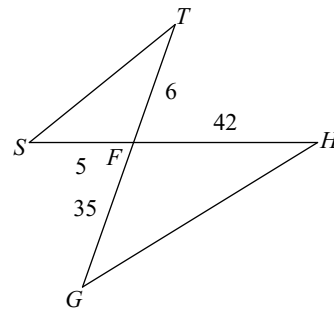
$\triangle LKJ \sim$  \_\_\_\_\_

5)



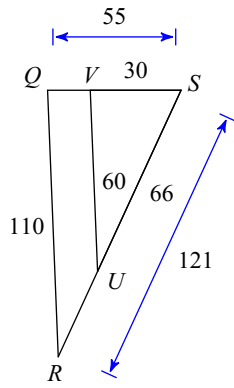
$\triangle FED \sim$  \_\_\_\_\_

6)



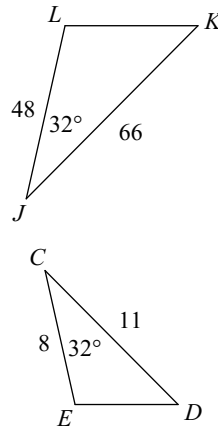
$\triangle FGH \sim$  \_\_\_\_\_

7)



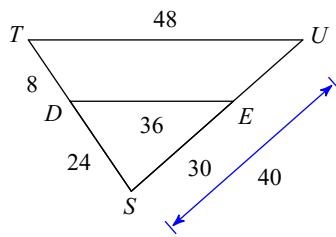
$\triangle SRQ \sim$  \_\_\_\_\_

8)



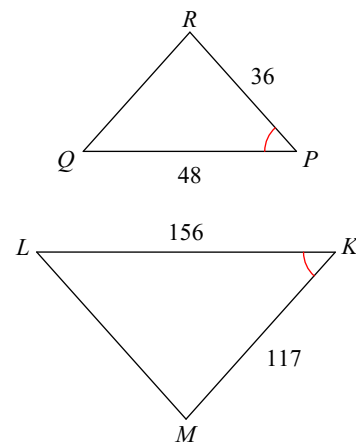
$\triangle JKL \sim$  \_\_\_\_\_

9)



$\triangle STU \sim$  \_\_\_\_\_

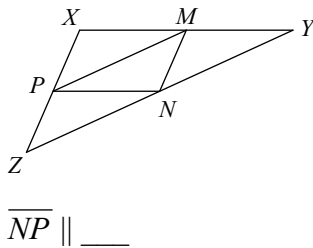
10)



$\triangle KLM \sim$  \_\_\_\_\_

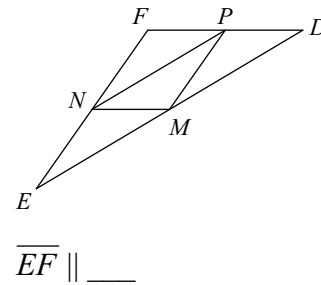
**In each triangle, M, N, and P are the midpoints of the sides. Name a segment parallel to the one given.**

11)



$\overline{NP} \parallel$  \_\_\_\_\_

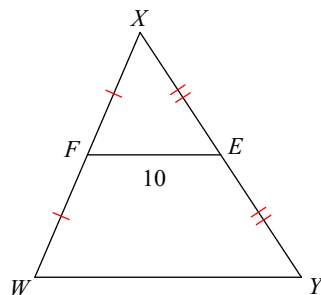
12)



$\overline{EF} \parallel$  \_\_\_\_\_

**Find the missing length indicated.**

13) Find  $WY$



14) Find  $IJ$

