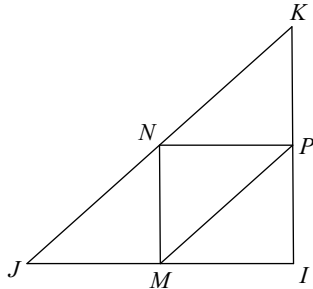


Geometry - Homework 19

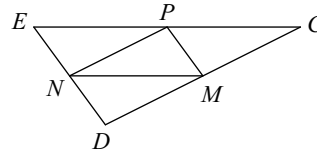
In each triangle, M, N, and P are the midpoints of the sides. Name a segment parallel to the one given.

1)



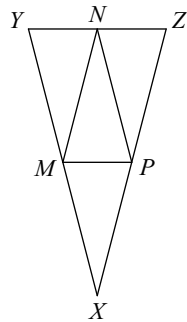
\_\_\_\_\_  $\parallel$   $\overline{MP}$

2)



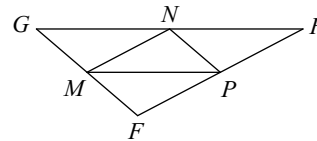
\_\_\_\_\_  $\parallel$   $\overline{MP}$

3)



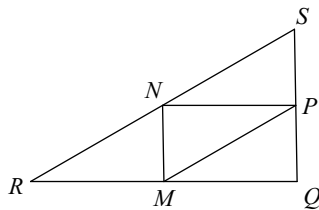
$\overline{YZ} \parallel$  \_\_\_\_\_

4)



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

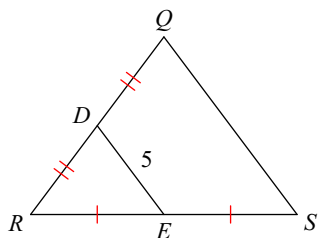
5)



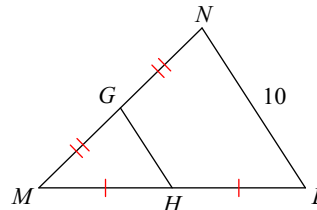
$\overline{MN} \parallel$  \_\_\_\_\_

Find the missing length indicated.

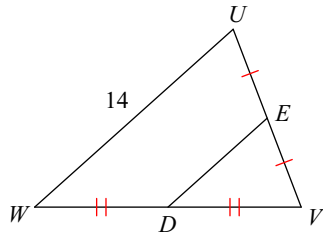
6) Find  $SQ$



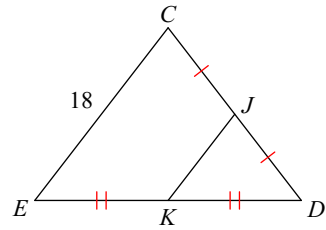
7) Find  $HG$



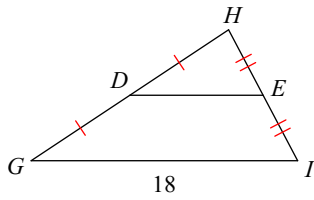
8) Find  $ED$



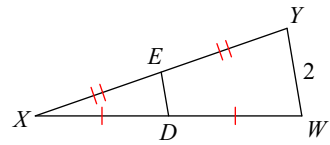
9) Find  $JK$



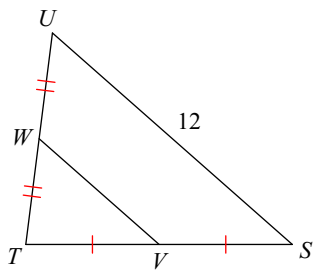
10) Find  $DE$



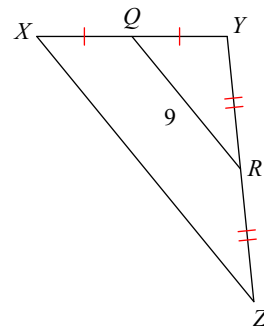
11) Find  $DE$



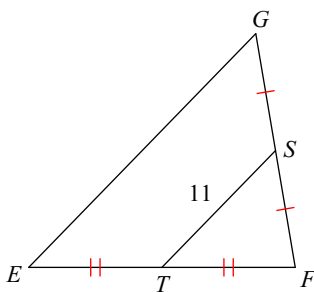
12) Find  $VW$



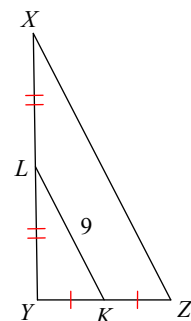
13) Find  $XZ$



14) Find  $GE$

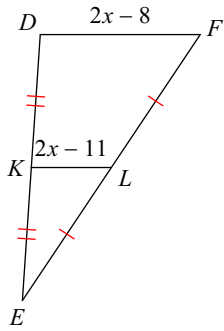


15) Find  $ZX$

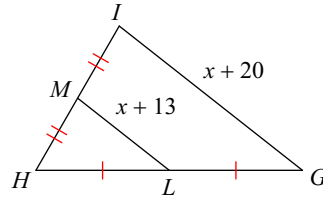


Solve for  $x$ .

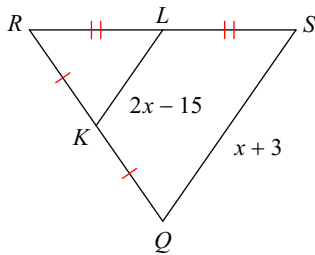
16)



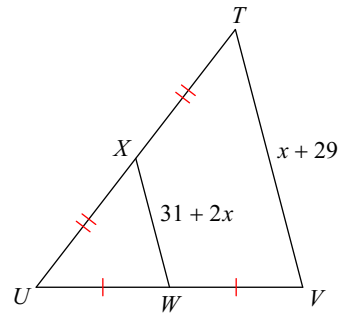
17)



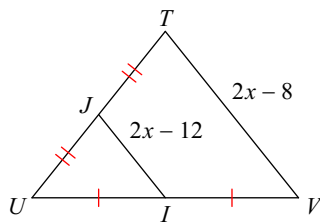
18)



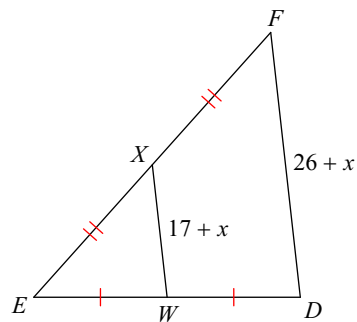
19)



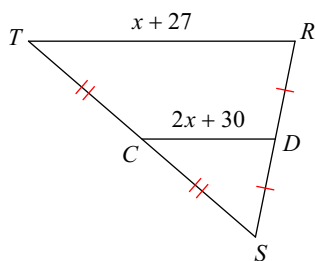
20)



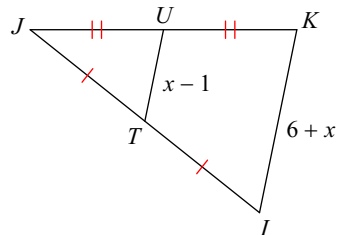
21)



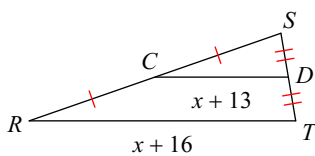
22)



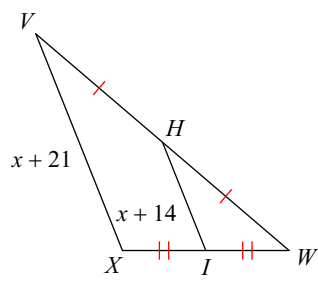
23)



24)

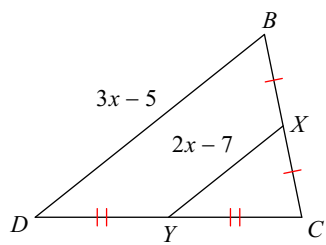


25)

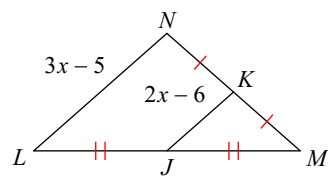


**Find the missing length indicated.**

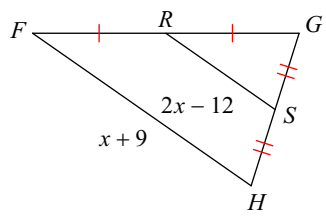
26) Find  $XY$



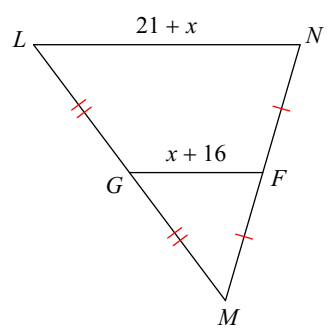
27) Find  $NL$



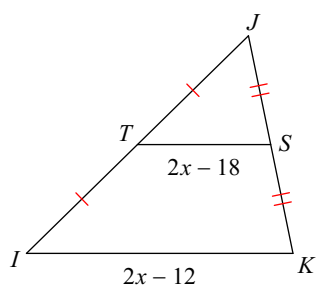
28) Find  $RS$



29) Find  $NL$



30) Find  $TS$



## Answers to Geometry - Homework 19

1)  $\overline{JK}$

9) 9

17) -6

25) -7

3)  $\overline{MP}$

11) 1

19) -11

27) 16

5)  $\overline{QS}$

13) 18

21) -8

29) 10

7) 5

15) 18

23) 8