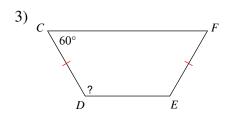
Properties of Trapezoids

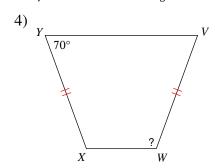
Date_____ Period____

Find the length of the angle indicated for each trapezoid.

1) S 65°

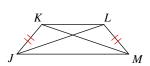
2) U 7 92° V ?



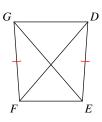


Find the length of the diagonal indicated for each trapezoid.

5) KM = 22 Find JL

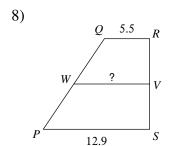


6) DF = 8.7 Find EG



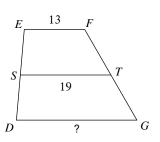
Find the length of the median of each trapezoid.

7) V 9 W

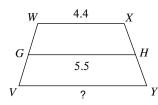


 $Find \ the \ length \ of \ the \ base \ indicated \ for \ each \ trapezoid.$

9)

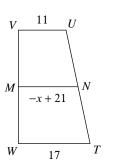


10)

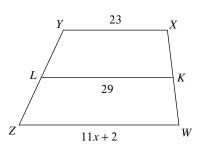


Solve for x. Each figure is a trapezoid.

11)



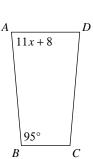
12)



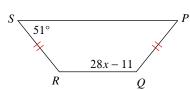
13) EC = 20

$$FD = 5x - 10$$

14)

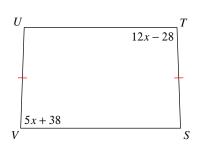


15)

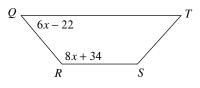


Find the length of the angle indicated for each trapezoid.

16) Find $m \angle V$

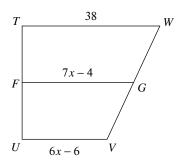


17) Find $m \angle R$



Find the lengh of the base indicated for each trapezoid.

18) Find *VU*



Properties of Trapezoids

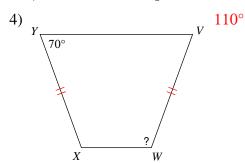
Date_____ Period____

Find the length of the angle indicated for each trapezoid.

1) $S = \begin{pmatrix} 65^{\circ} \\ R \end{pmatrix} P$ Q

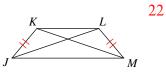
2) U 7 88° V 92° T 92° T 92° T 88° S

3) $C \xrightarrow{60^{\circ}} F$ 120°

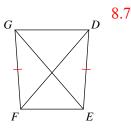


Find the length of the diagonal indicated for each trapezoid.

5) KM = 22 Find JL

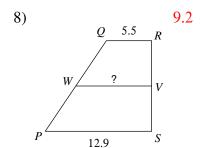


6) DF = 8.7 Find EG



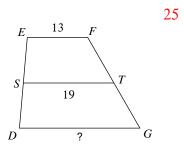
Find the length of the median of each trapezoid.

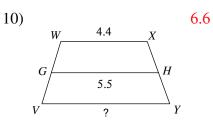
7) V 9 W A ? B



Find the lengh of the base indicated for each trapezoid.

9)

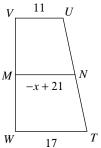




Solve for x. Each figure is a trapezoid.

11)

11 --



12)

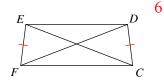
14)

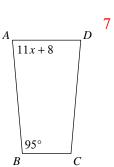
Y 23 X L 29 K

 $Z^{\frac{1}{11x+2}}$

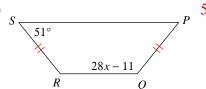
13) EC = 20

$$FD = 5x - 10$$





15)



Find the length of the angle indicated for each trapezoid.

16) Find $m \angle V$

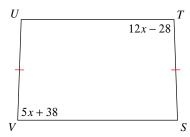
88°

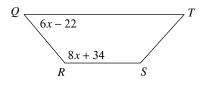
17) Find $m \angle R$

130°

3

W

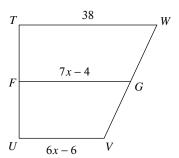




Find the lengh of the base indicated for each trapezoid.

18) Find *VU*

24



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