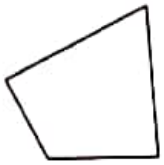
Math II

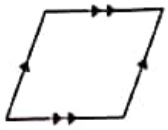
Name May

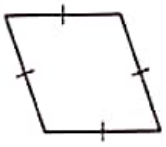
7.5 - Quadrilaterals

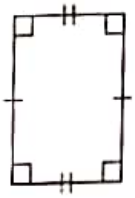
Period____

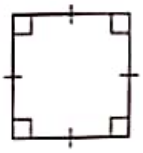
State the most specific name for each figure.

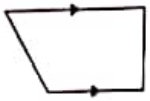
1)  Quadrilateral

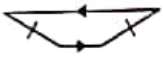
2)  Parallelogram

3)  Rhombus

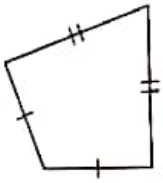
4)  Rectangle

5)  Square

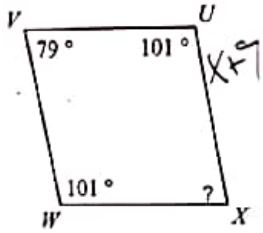
6)  Trapezoid

7) 

Isosceles trapezoid

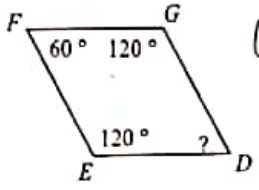
8)  Kite

Find the measure of each angle indicated.

9) 

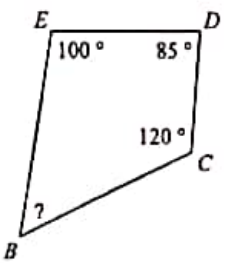
$x+79+101+101=360$

$x=79$

10) 

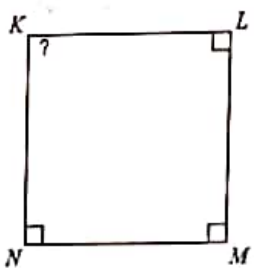
$60+120+120+x=360$

$x=60$

11) 

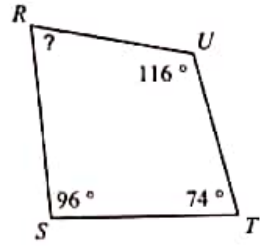
$100+85+120+x=360$

$x=55$

12) 

$x=90$

13)

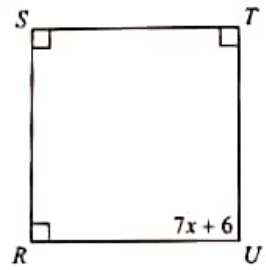


$116+96+74+x=360$

$x=74$

Solve for x.

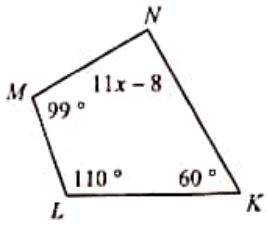
14)



$7x+6=90$

$x=12$

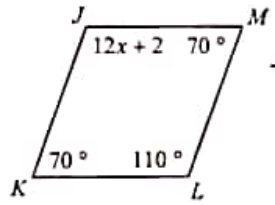
15)



$99+110+60+11x-8=360$

$x=9$

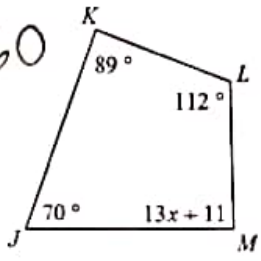
16)



$70+110+70+12x+2=360$

$x=9$

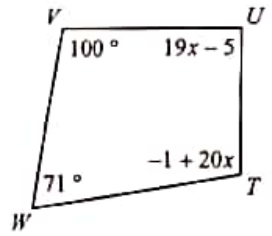
17)



$89+112+70+13x+11=360$

$x=6$

18)

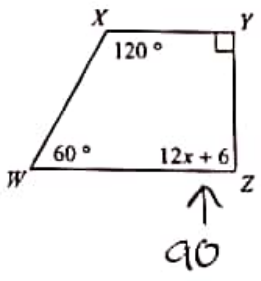


$100+71+19x-5+-1+20x=360$

$x=5$

Solve for x. Then find the measure of the unknown angle(s)

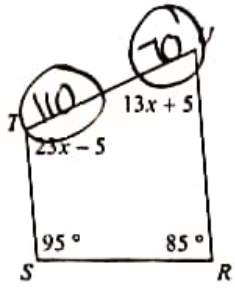
19)



$120+90+60+12x+20=360$

$x=7$

90



$13x+5+23x-5+95+85=360$

$x=5$

