

9.1 PRACTICE

NAME: _____

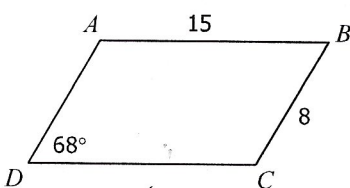
PERIOD: _____

Define parallelogram - _____

Main Ideas/Questions	Notes
<h2>PROPERTIES OF Parallelograms</h2>	①
	②
	③
	④
	⑤

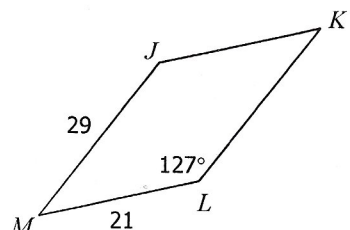
Directions: Each quadrilateral below is a parallelogram. Find the missing measures.

1.



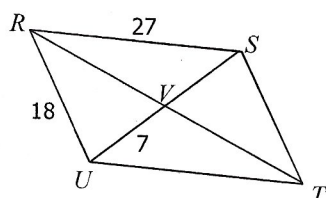
$AD = \underline{\hspace{2cm}}$
 $DC = \underline{\hspace{2cm}}$
 $m\angle A = \underline{\hspace{2cm}}$
 $m\angle B = \underline{\hspace{2cm}}$
 $m\angle C = \underline{\hspace{2cm}}$

2.



$JK = \underline{\hspace{2cm}}$
 $KL = \underline{\hspace{2cm}}$
 $m\angle J = \underline{\hspace{2cm}}$
 $m\angle K = \underline{\hspace{2cm}}$
 $m\angle M = \underline{\hspace{2cm}}$

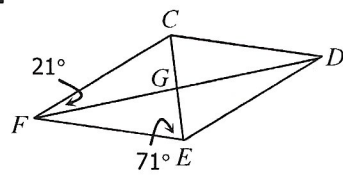
3.



$UT = \underline{\hspace{2cm}}$
 $ST = \underline{\hspace{2cm}}$
 $VS = \underline{\hspace{2cm}}$
 $VT = \underline{\hspace{2cm}}$

* $RT = 30$

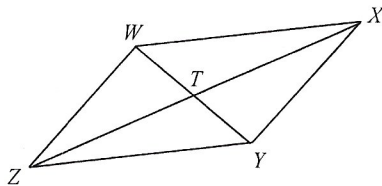
4.



$m\angle DEC = \underline{\hspace{2cm}}$
 $m\angle CDE = \underline{\hspace{2cm}}$
 $m\angle ECD = \underline{\hspace{2cm}}$
 $m\angle DFE = \underline{\hspace{2cm}}$

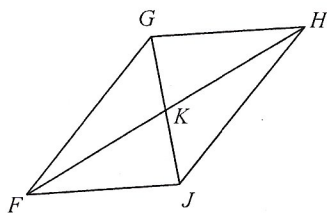
* $m\angle FED = 134^\circ$

5. Given $XY = 15$, $WX = 22$, $ZX = 32$, $WT = 10$, $m\angle WZY = 62^\circ$, $m\angle WXT = 27^\circ$, and $m\angle ZWT = 77^\circ$.



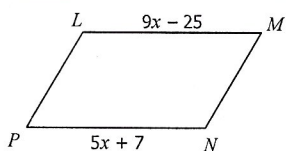
$ZW = \underline{\hspace{2cm}}$ $m\angle TZY = \underline{\hspace{2cm}}$
 $ZY = \underline{\hspace{2cm}}$ $m\angle XYZ = \underline{\hspace{2cm}}$
 $TX = \underline{\hspace{2cm}}$ $m\angle XWT = \underline{\hspace{2cm}}$
 $WY = \underline{\hspace{2cm}}$ $m\angle XYT = \underline{\hspace{2cm}}$

6. Given $m\angle GHF = 34^\circ$, $m\angle HJF = 124^\circ$, and $m\angle FKJ = 79^\circ$.

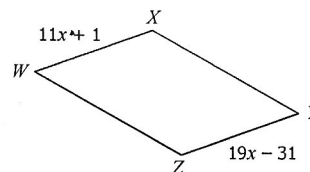


$m\angle GFJ = \underline{\hspace{2cm}}$ $m\angle JGH = \underline{\hspace{2cm}}$
 $m\angle FGH = \underline{\hspace{2cm}}$ $m\angle FGJ = \underline{\hspace{2cm}}$
 $m\angle HFJ = \underline{\hspace{2cm}}$ $m\angle FHJ = \underline{\hspace{2cm}}$
 $m\angle HKJ = \underline{\hspace{2cm}}$ $m\angle GJF = \underline{\hspace{2cm}}$

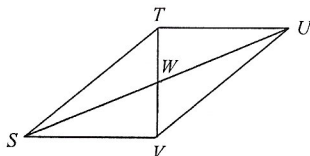
7. Solve for x .



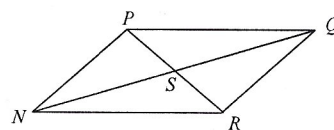
8. Find YZ .



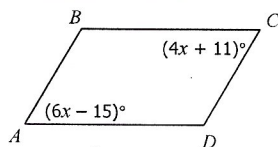
9. If $TV = 74$ and $WV = 4x + 1$, solve for x .



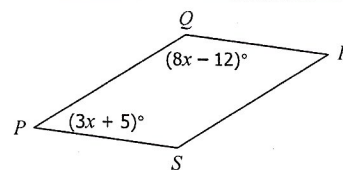
10. If $NS = 2x + 7$ and $SQ = 5x - 23$, find NQ .



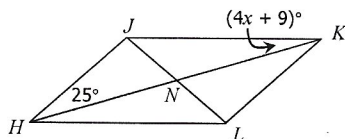
11. Find $m\angle B$.



12. Find $m\angle R$.



13. If $m\angle KLH = 134^\circ$, solve for x .



14. If $m\angle ABC = 115^\circ$, find $m\angle ADB$.

