

4-T Polygons & Quadrilaterals

Quiz Review

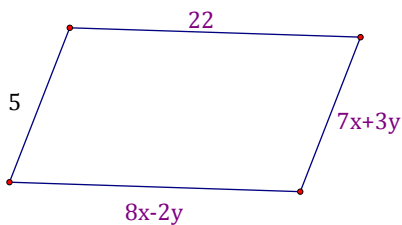
Only fill out the last column; classify by the MOST SPECIFIC SHAPE POSSIBLE.

	Parallel	Sides	Angles	Diagonals	Shape
1.	One pair of // sides	—	—	\cong	
2.	—	All sides \cong	—	\cong	
3.	Nothing is //	—	—	\perp	
4.	—	Opposite sides are \cong	All angles \cong	—	

Complete the chart:

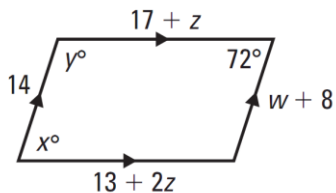
	# sides	Sum interior angles	Each interior angles	Each exterior angle
5.	8			
6.		6660		
7.			144	
8.				30

9.



Solve for x and y: $x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

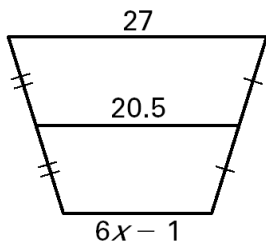
10.



$w =$ _____ $x =$ _____

$y =$ _____ $z =$ _____

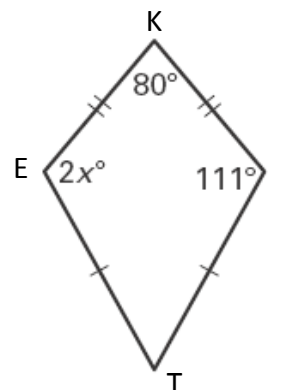
11. $x =$ _____



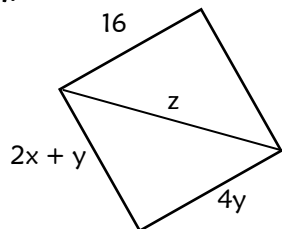
12. $x =$ _____

Draw diagonal KT

13. $m\angle KTI =$ _____



14.



Find the values for the square.

$x =$ _____ $y =$ _____ $z =$ _____

15. In the diagram shown, BDEG is a rectangle and ABCD is a rhombus.

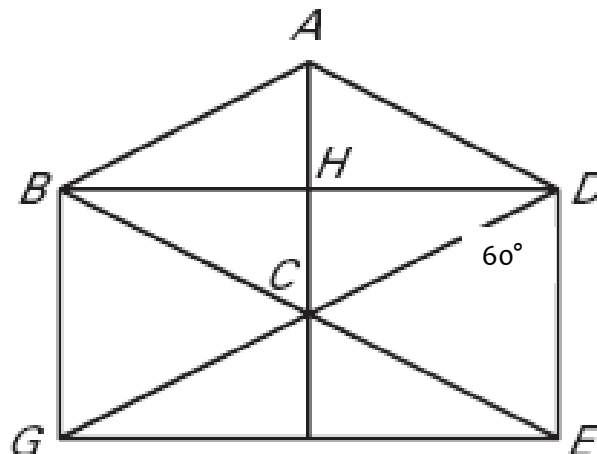
a) $\angle GDB$ _____ b) $\angle ADC$ _____

c) $\angle ABG$ _____ d) $\angle GCE$ _____

e) $\angle ECA$ _____

f) Name a "hidden" trapezoid: _____

g) Label the midpoint of GE as point U. Draw BU and DU. Quad BADU is a _____



If $HD = 3$, find:

CD _____ DG _____ BC _____ BE _____ HC _____ HA _____ BD _____

Perimeter of: $\triangle CDE$ _____ $\triangle DGE$ _____ - $\triangle GCE$ _____