

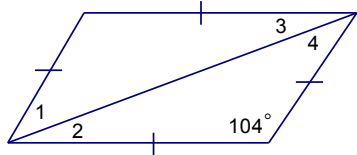
Name: _____ Class Period: _____ Date: _____

Alpha Geometry

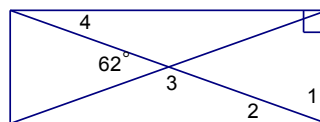
Chapter 5 Worksheet 5.5b ~ Properties of Rectangles, Rhombuses and Squares

For each parallelogram (a) choose the best name and then (b) find the measures of the numbered angles.

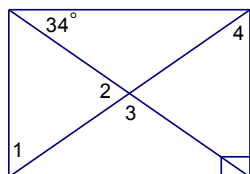
1.



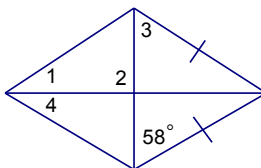
2.



3.



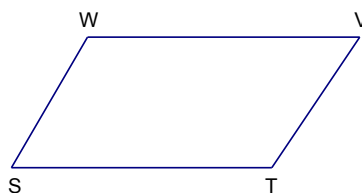
4.



5. $\square WSTV$

$$WS = x + 5, WV = x + 9, VT = 2x + 1$$

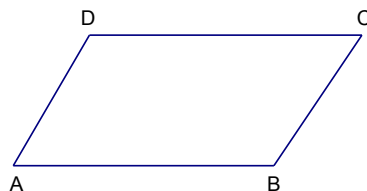
Find the perimeter of $WSTV$.



6. $\square ABCD$

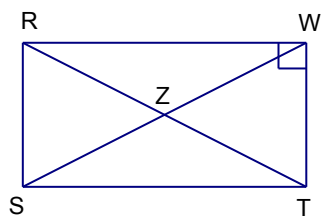
$$\angle A = (x)^\circ, \angle D = (3x - 4)^\circ$$

Find $m\angle D$ and $m\angle C$.



Find the value of the variable(s) for each parallelogram.

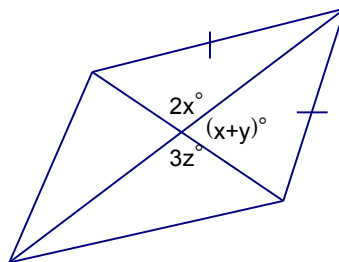
7.



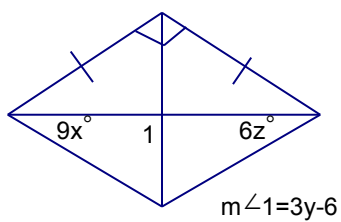
$$RZ = 2x + 5$$

$$SW = 5x - 20$$

8.



9.



10.

