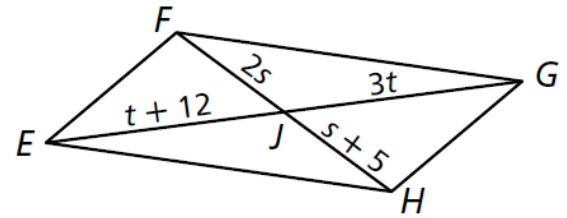


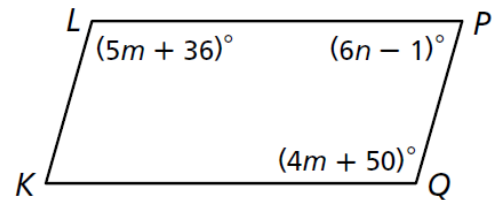
Name: _____ Date: _____ Block: _____

Geom WS 6.3 - Conditions for Parallelograms

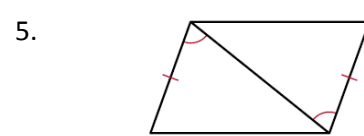
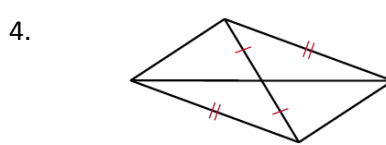
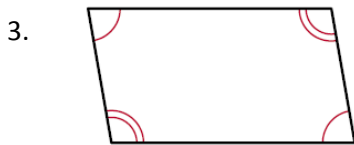
1. Find the values for s and t that make EFGH a parallelogram. Tell what condition you are using.



2. Find the value for m and n that make KLPQ a parallelogram. Tell what condition you are using.



3-5. Determine if each quadrilateral must be a parallelogram. Explain why or why not. (Tell which condition)

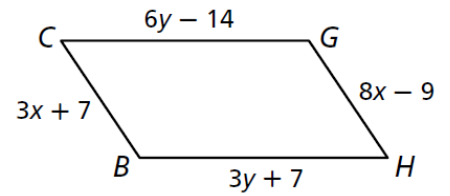


6-7. Determine if the given vertices form a parallelogram.

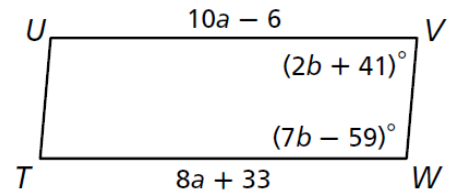
6. $W(-5, -2), X(-3, 3), Y(3, 5), Z(1, 0)$

7. $R(-1, -5), S(-2, -1), T(4, -1), U(5, -5)$

8. Find the value of x and y that show $BCGH$ is a parallelogram. Tell what condition you are using.

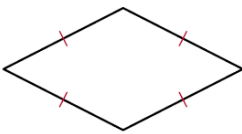


9. Find the values of a and b that show $TUVW$ is a parallelogram. Tell what condition you are using.

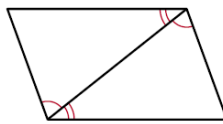


10-15. Determine if each quadrilateral must be a parallelogram. Tell why or why not.

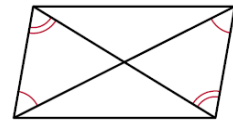
10.



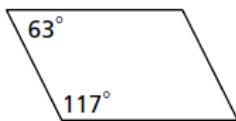
11.



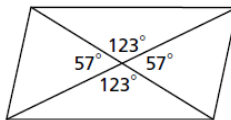
12.



13.



14.



15.

