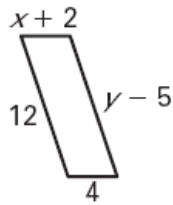


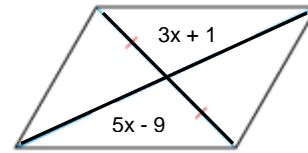
Day 6 – Properties of Rhombi, Squares, Trapezoids and Kites

Find the missing variable in each parallelogram.

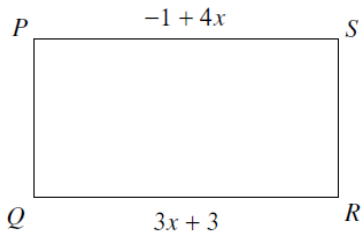
1.



2.

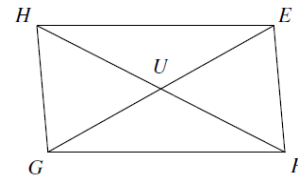


3.

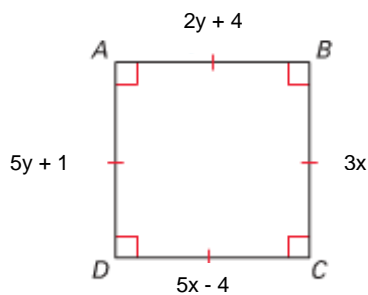


4.

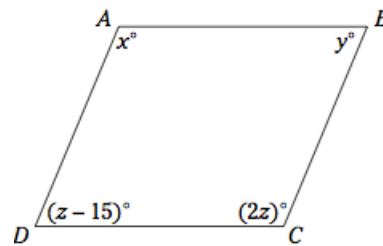
$UH = 19$
 $FH = 5x - 7$



5.



6.

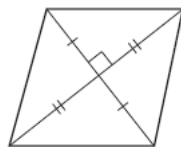


Decide if the figure is a parallelogram. If yes, can you identify the type of parallelogram? If it is not, explain why not.

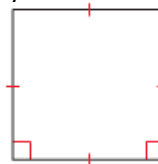
7.



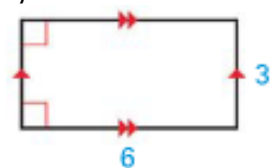
8.



9)



10)



11. Suppose points A (1, 2), B (3, 6), and C (6, 4) are three vertices of a parallelogram.

- Give the coordinates of a point that could be the fourth vertex. Sketch the parallelogram in a coordinate plane.
- Explain how to check to make sure the figure you drew in part a is a parallelogram.
- How many different parallelograms can be formed using A, B, and C as vertices? Sketch each parallelogram and label the coordinates of the fourth vertex.

