Describe how to tell if something is a…

Translation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reflection\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rotation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Make your parallelogram family tree, write down the properties.

Translate the following shape
(x,y) -> (x-5,y+1)



Rotate shape 90 degrees, counter clockwise around the origin.



Reflect the trapezoid over the line drawn.



Triangle Congruency – write yes or no and why.

  

What additional information would be needed to prove congruency using ASA?

 

Find all the diagonals of a regular hexagon.

Find all the lines of symmetry.

Find all the degrees of rotational symmetry.



Write a rule for each transformation.

   

1. Find and draw the line of reflection, that reflects A to B



b. Find the slope of line AB

c. Find the perpendicular slope of AB.

d. Find the midpoint of line AB.