Describe how to tell if something is a…

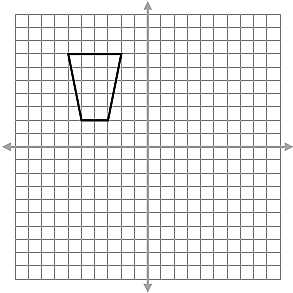
Translation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

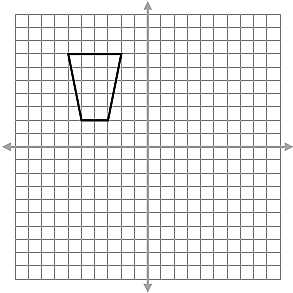
Rotation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Make your parallelogram family tree, write down the properties.

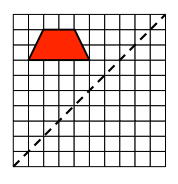
Translate the following shape   
(x,y) -> (x-5,y+1)



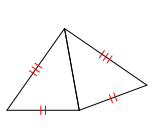
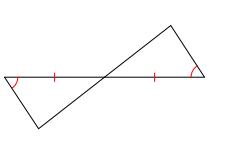
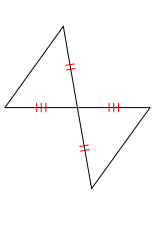
Rotate shape 90 degrees, counter clockwise around the origin.



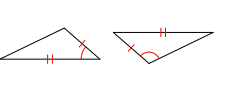
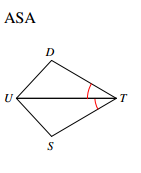
Reflect the trapezoid over the line drawn.



Triangle Congruency – write yes or no and why.

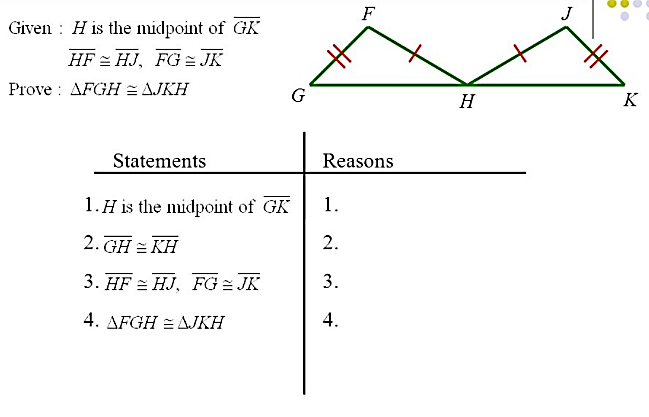
What additional information would be needed to prove congruency using ASA?

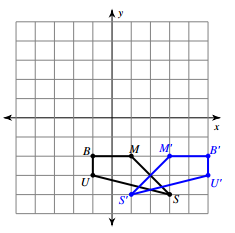
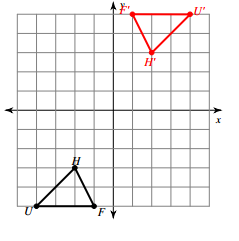
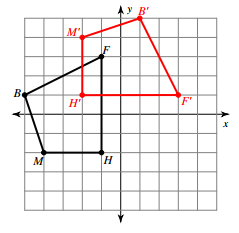
Find all the diagonals of a regular hexagon.

Find all the lines of symmetry.

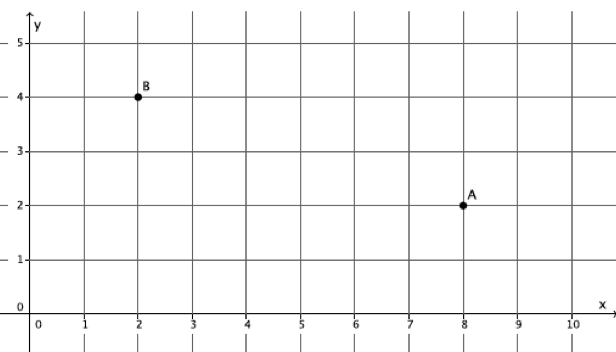
Find all the degrees of rotational symmetry.



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.