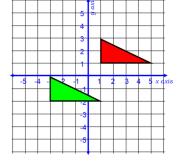
lots of SHAPE 6 ANSWERS

Translate this shape using the column vector

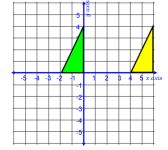




Translations always go along horizontally, then vertically.

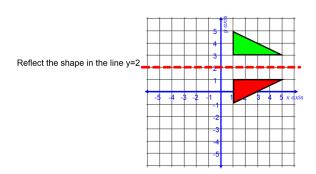
Describe the translation using a column vector that takes the Green shape to the Yellow shape



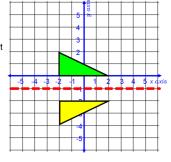


Translation is 6 right then 0 up

Translations always go along horizontally, then vertically.



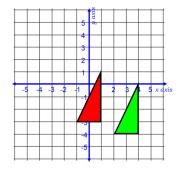
Describe the transformation that takes the Green to the Yellow



The Green triangle is reflected in the horizontal line called y= -1 to go to the Yellow triangle.

Translate this shape using the column vector

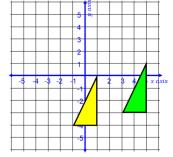




Translations always go along horizontally, then vertically.

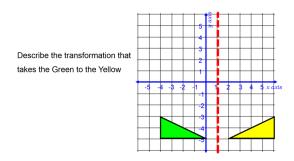
Describe the translation using a column vector that takes the Green shape to the Yellow shape



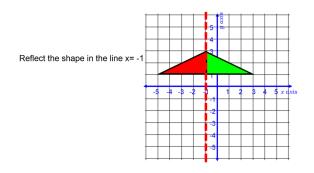


Translation is 4 less then 1 down

Translations always go along horizontally, then vertically.

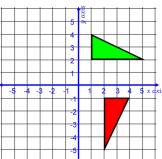


The Green triangle is reflected in the vertical line called x=1 to go to the Yellow triangle.

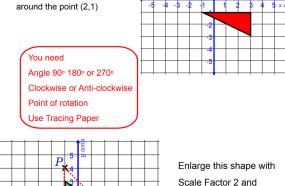


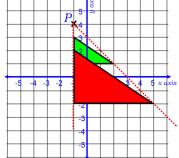
Rotate this shape 90° around the point (0,0)

You need Angle 90° 180° or 270° Clockwise or Anti-clockwise Point of rotation Use Tracing Paper

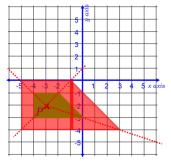


Rotate this shape 90° anti-clockwise



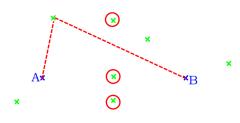


Scale Factor 2 and centre of enlargement point P



Enlarge this shape with Scale Factor 2 and centre of enlargement point P

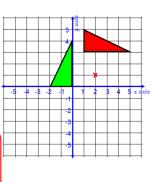
Which points are equidistant from both points A and B?



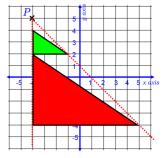
Equidistant means that they are the same distance away from A and B

Rotate this shape 90° clockwise around the point (2,1)

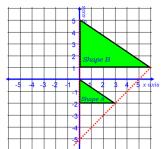
> You need Angle 90° 180° or 270° Clockwise or Anti-clockwise Point of rotation Use Tracing Paper



Enlarge this shape with Scale Factor 2 and centre of enlargement point P

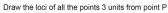


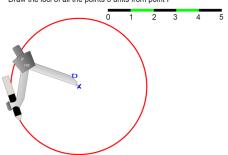
Enlarge this shape with Scale Factor 3 and centre of enlargement point P

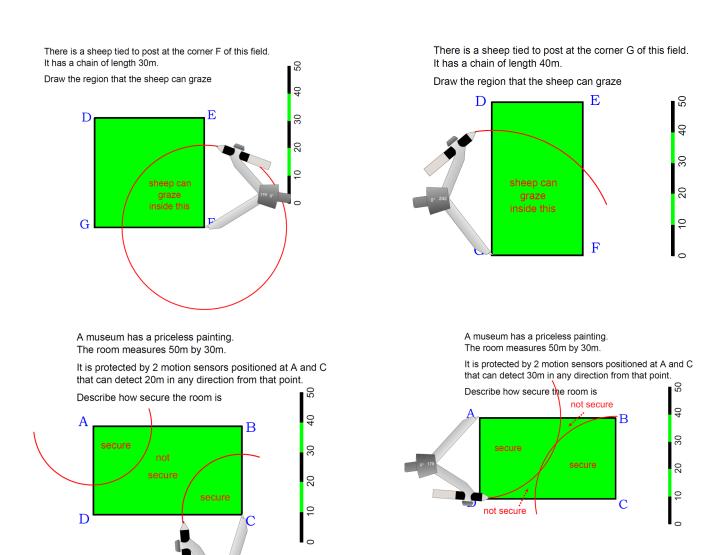


Describe this transformation from shape A to shape B

Enlargement scale factor 2 with centre of enlargement (0,-5)







A museum has a priceless sculpture. The room measures 50m by 30m.

