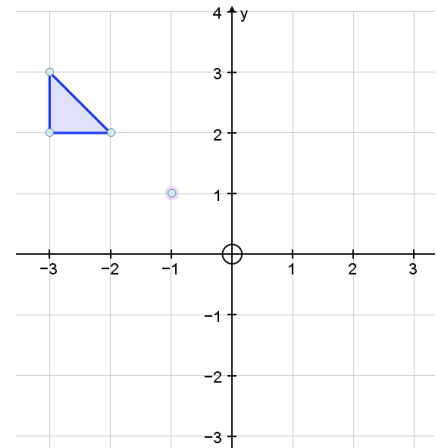
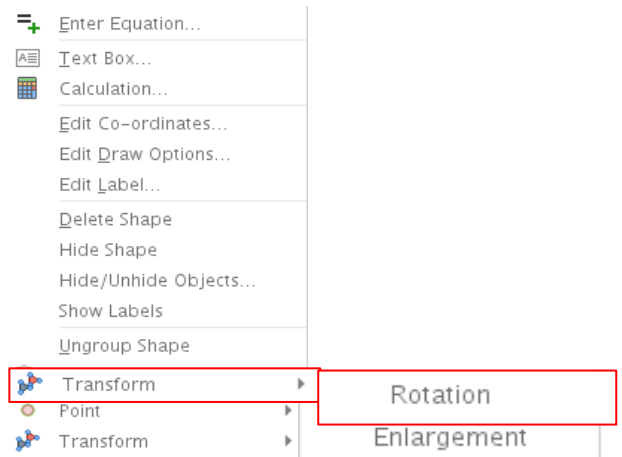


1. Create a shape and a centre of rotation.

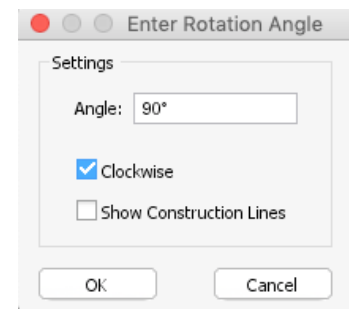
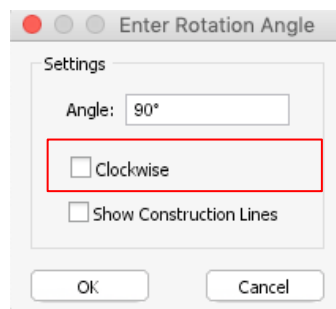
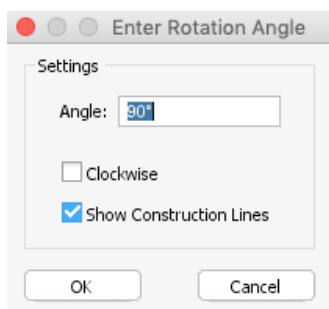
Use the select tool to highlight both.



2. Right click and choose the Transform and rotation option.

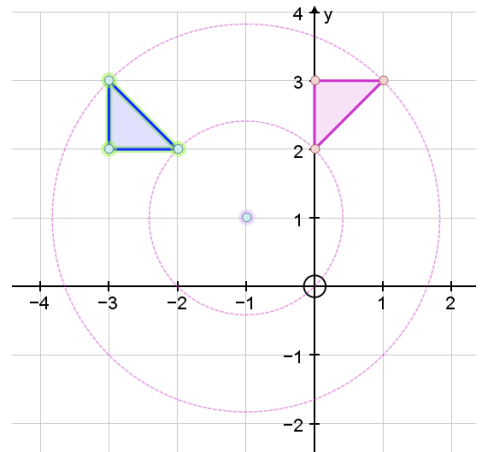
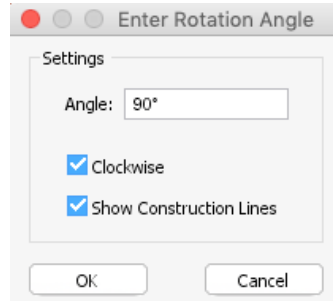


3. Select the angle of rotation and if you want a clockwise rotation select the clockwise option.

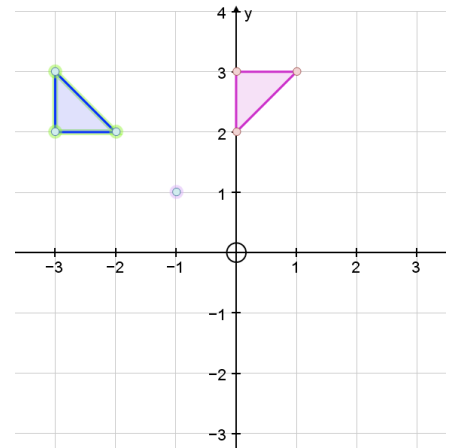




4. This is a clockwise rotation  $90^\circ$   
with construction lines

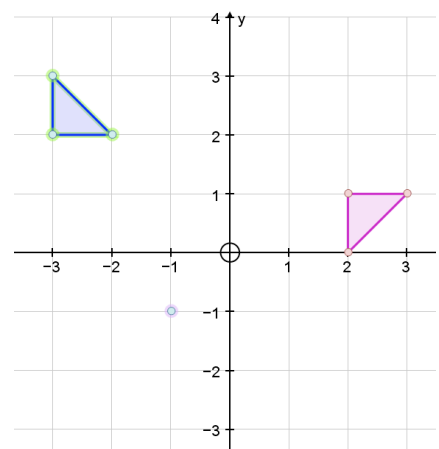


5. This is what it would look like with no  
construction lines.



6. If you move the centre of  
rotation then the rotation will  
move around the grid.

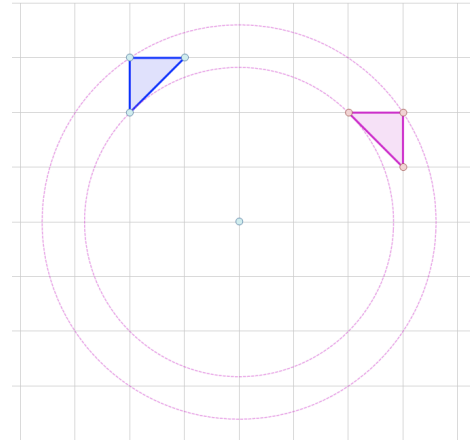
Here the centre of rotation has  
been moved to  $(-1, -1)$



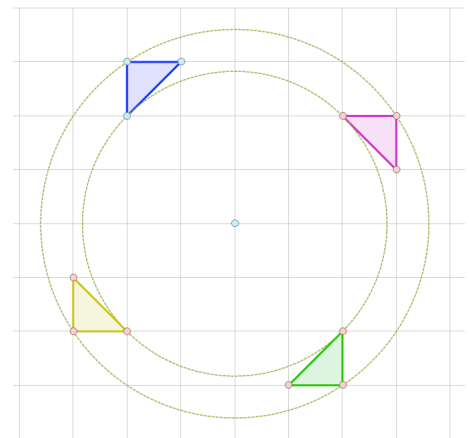
1. Shape using group to shape  
Point

Select point and shape.

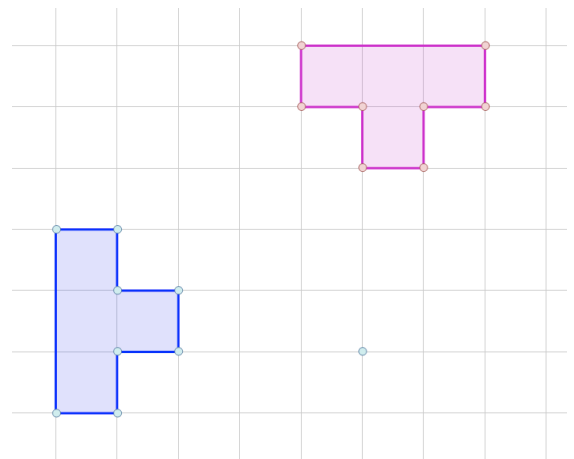
Transform > Rotation



2. Rotate  $90^\circ$ ,  $180^\circ$ ,  $270^\circ$

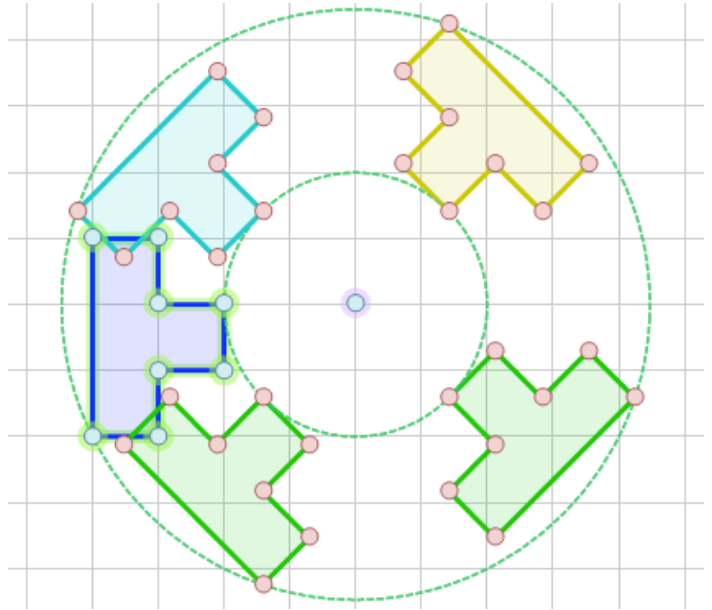


3. Hide construction lines.





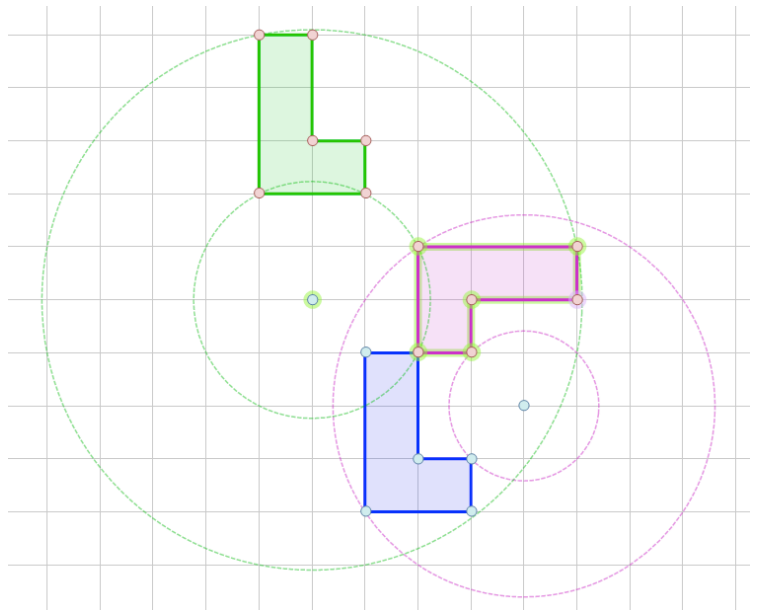
4. Rotate by  $45^\circ$ ,  $135^\circ$ ,  $225^\circ$ ,  $315^\circ$



5. Rotate the first shape

Create second point for rotation

Rotate the image



6. Create your own rotations.

Try to use the animate.

