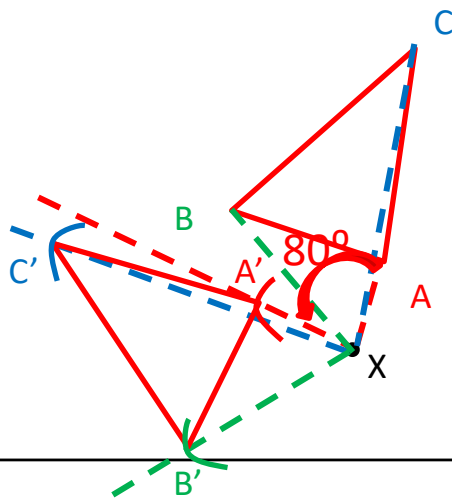


Rotation: a transformation which turns every point of a preimage based on a point (center of rotation) and angle of rotation and direction (CW vs CCW)

Using the preimages below, the given center of rotation, and the given angle and direction, rotate the preimages. Label the images appropriately.

Plane Rotation/Drawing Method:

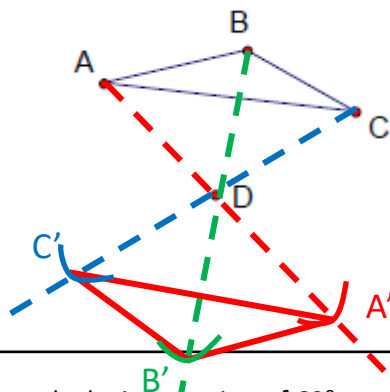
Video Example:



Notation:

$$R_{X, 80^\circ \text{CCW}}(\triangle ABC)$$

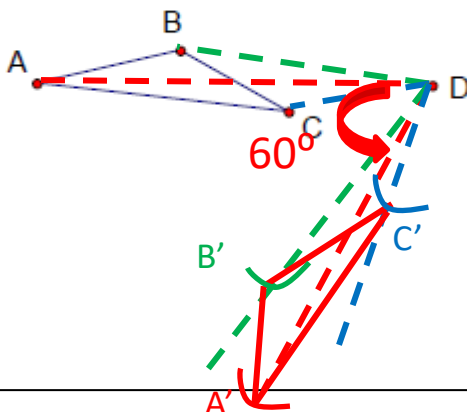
1. $R_{D, 180^\circ \text{CW}}(\triangle ABC)$



CW versus CCW doesn't matter when 180°

180° angle is just a straight line

2. Counterclockwise rotation of 60° around D



Notation:

$$R_{D, 60^\circ \text{CCW}}(\triangle ABC)$$