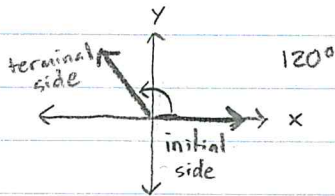
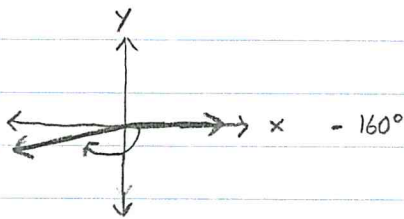


Angles of Rotation

Standard Position

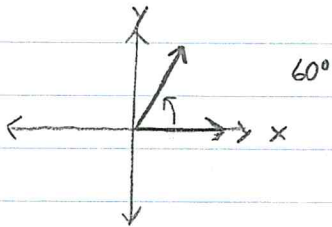


rotate CCW for + angles
rotate CW for - angles



Co-terminal Angles

different names for an angle that has the same terminal side



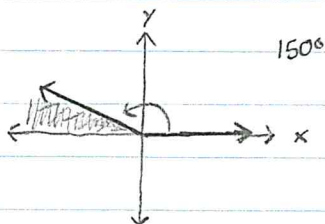
Name 3 co-terminal angles.

$$60^\circ \pm 360^\circ$$

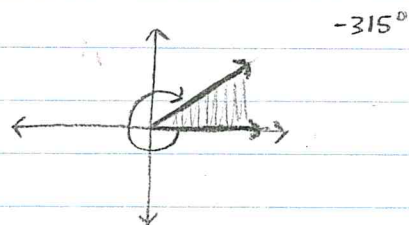
$$= 420^\circ, 780^\circ, -300^\circ$$

Reference Angle

the positive distance from the angle's terminal side to the x-axis



30° Reference Angle



45° Reference Angle

Assignment: pg 939 # 2-17, # 26-41