

1.1: Angles

1.1.1

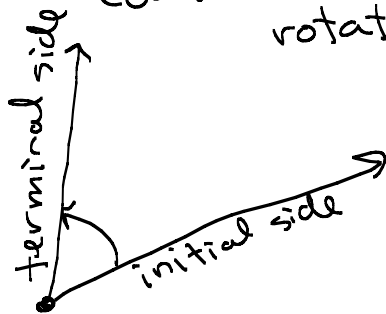
Note Title

1/15/2019

Angle: Two rays with a common vertex.
(common endpoint)

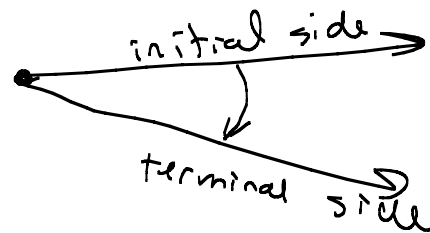
Positive Angle:

Counterclockwise rotation.

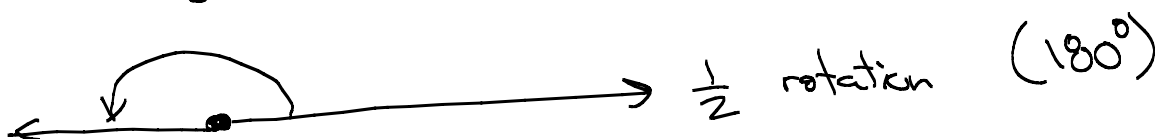
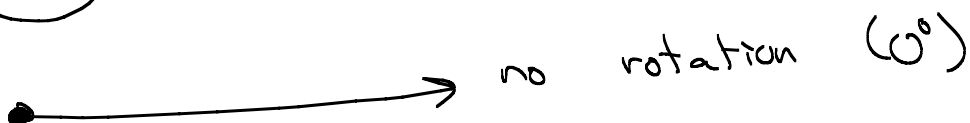
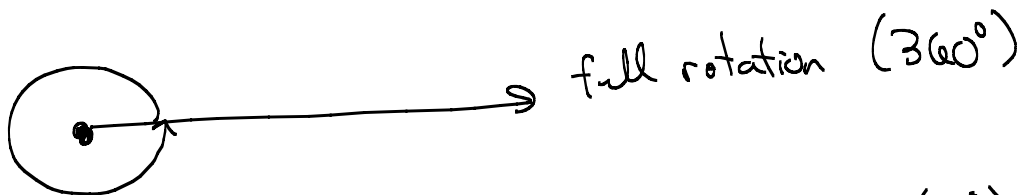
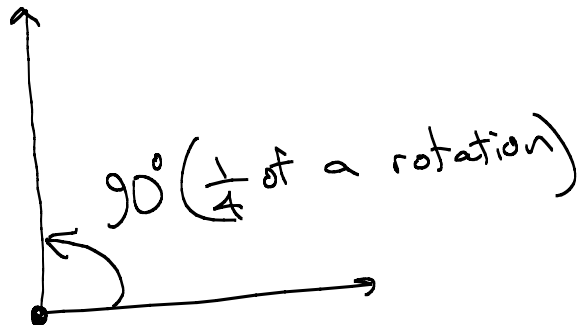


Negative Angle

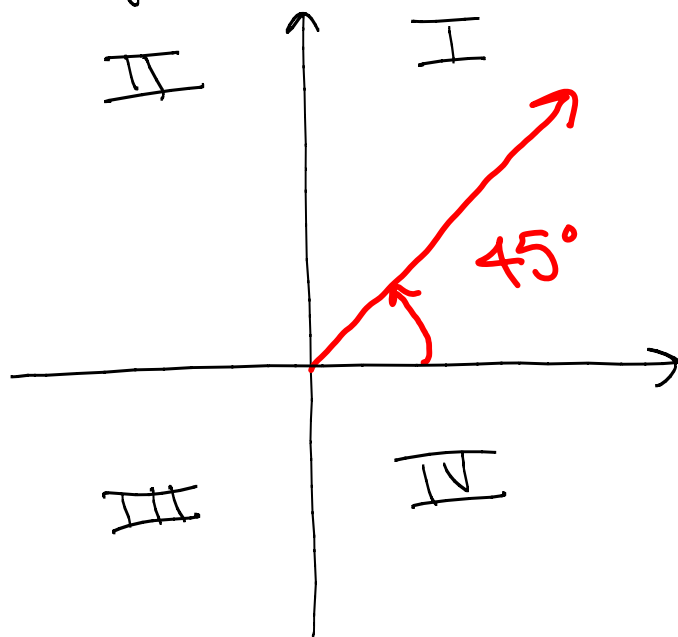
Clockwise Rotation



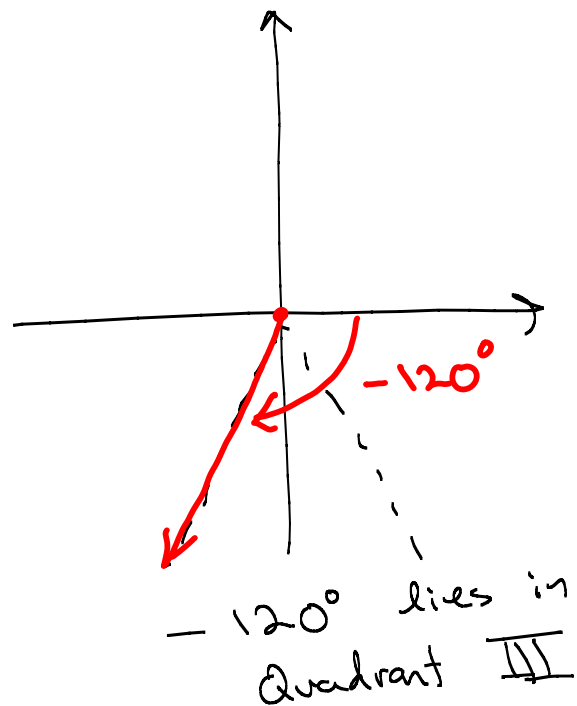
Degree measure: All the way around a circle
(1 complete rotation) is 360 degrees
(360°)



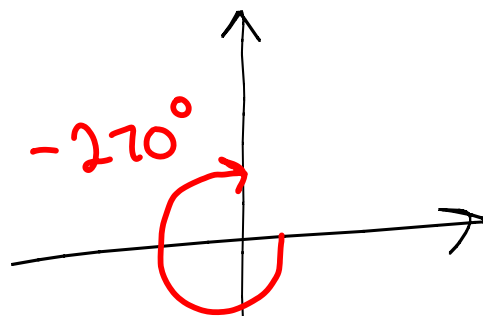
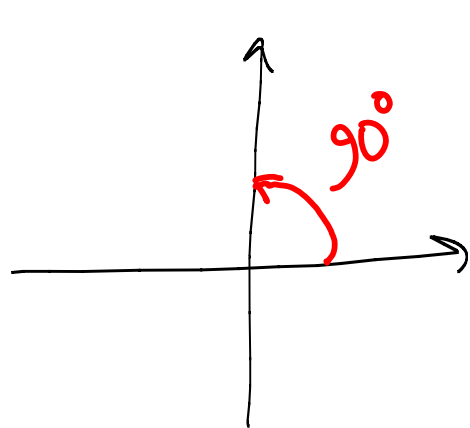
Standard Position: An angle is in standard position if its vertex is at the origin and its initial side is on the positive x-axis. 1.1.2



We say 45° is a Quadrant I angle.



Coterminal Angles: Terminal side lies in the same location.



90° and -270° are coterminal angles.