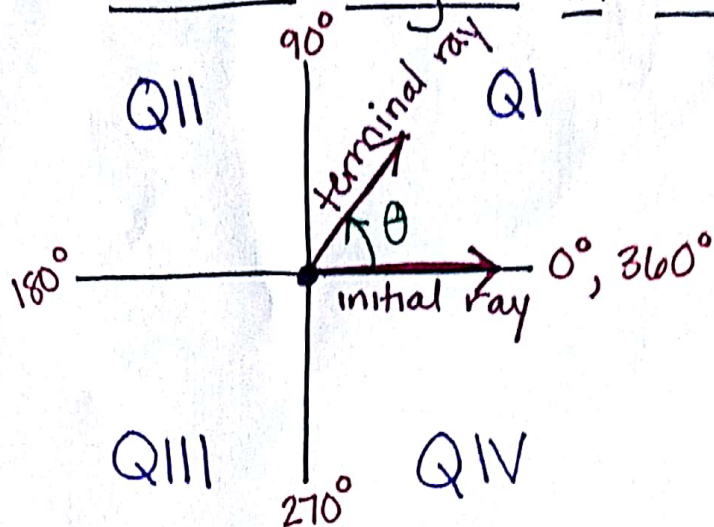
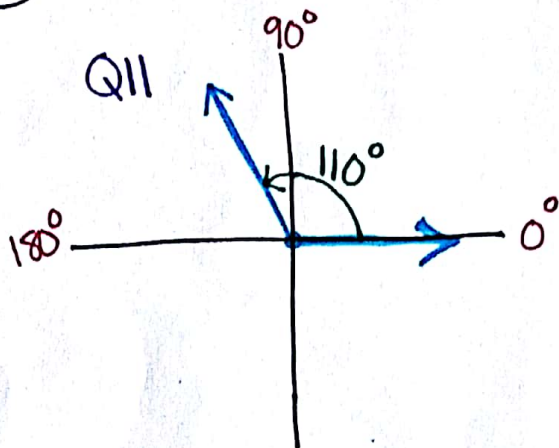


November 27

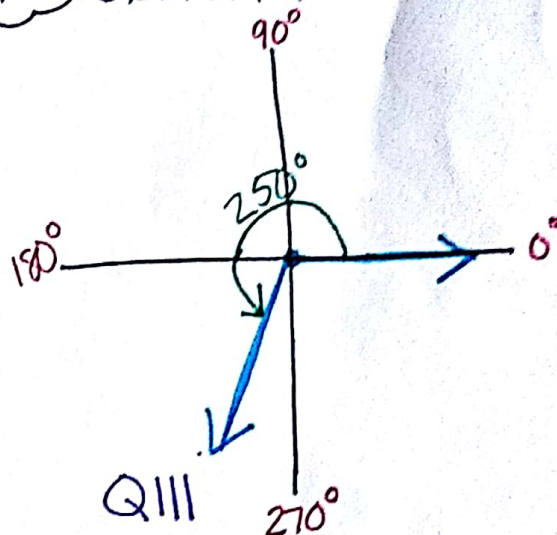
Sketch Angles in Standard Position



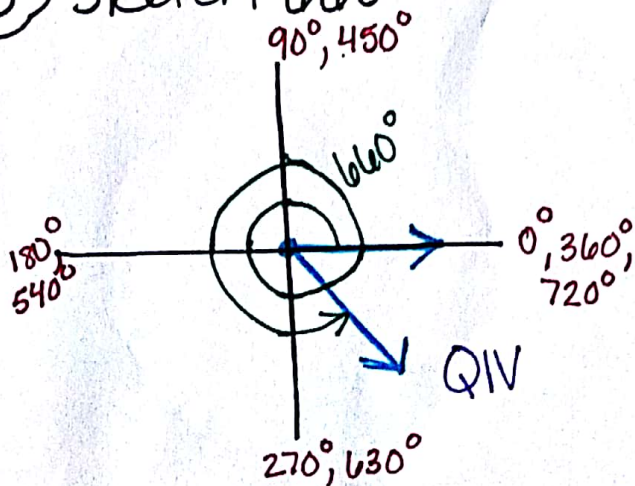
Ex1 Sketch 110°



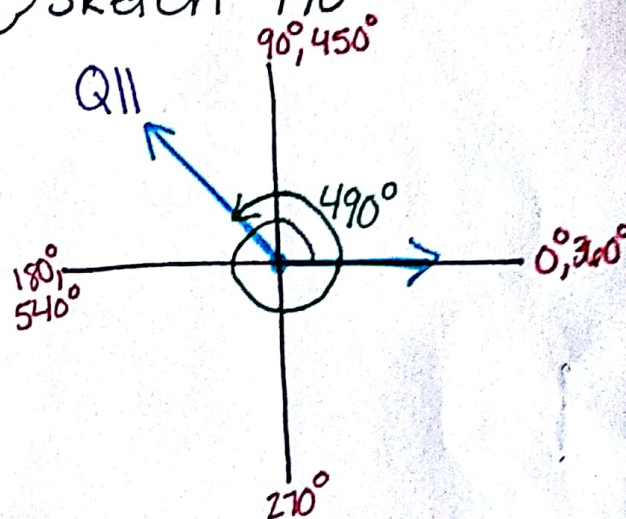
Ex2 Sketch 250°

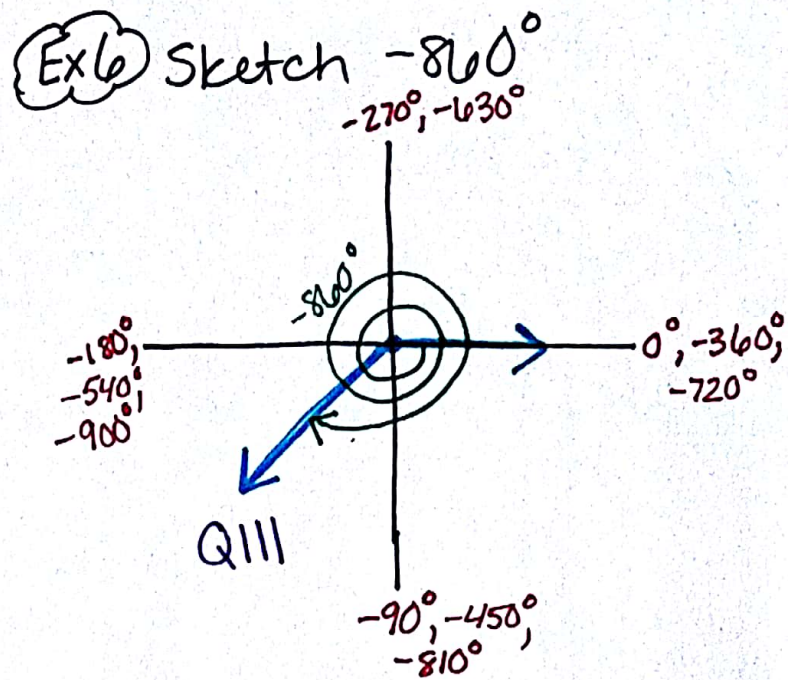
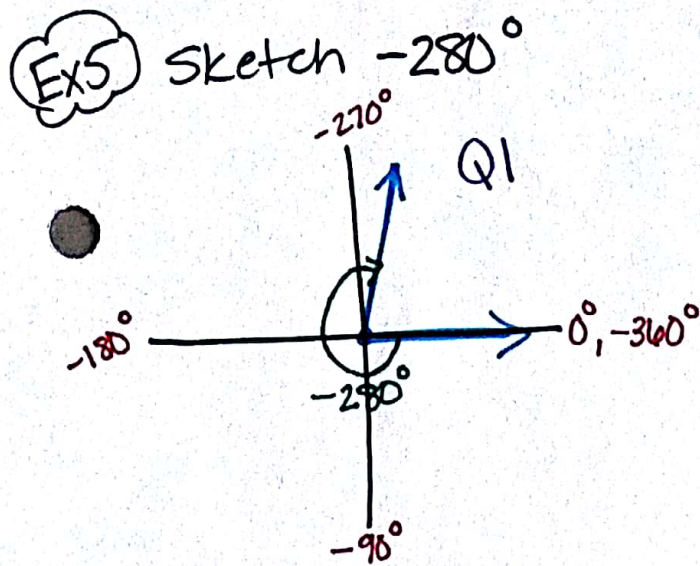


Ex3 Sketch 660°



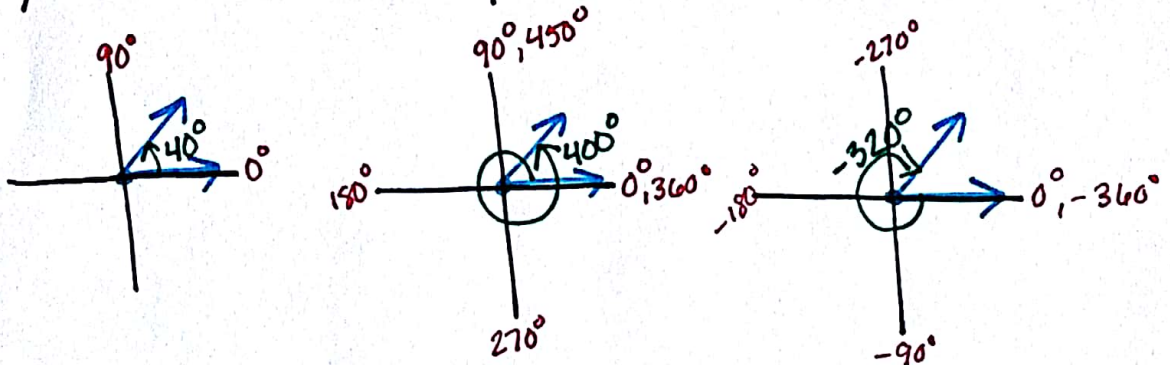
Ex4 Sketch 490°





Coterminal Angles

coterminal angles — angles with their terminal ray in the same position



To find coterminal angles, add/subtract 360° .

Ex7 Find coterminal angles for 410° .

$$410^\circ + 360 = \boxed{770^\circ}^{pos.} + 360 = \boxed{1130^\circ}^{pos.} + 360 = \boxed{1490^\circ}^{pos.}$$

$$410^\circ - 360 = \boxed{50^\circ}^{pos.} - 360 = \boxed{-310^\circ}^{neg.} - 360 = \boxed{-670^\circ}^{neg.}$$

Ex8 Find a coterminal angle between 0° and 360° for -1000° .

$$-1000^\circ + 360 = -640^\circ + 360 = -280^\circ + 360 = \boxed{80^\circ}$$