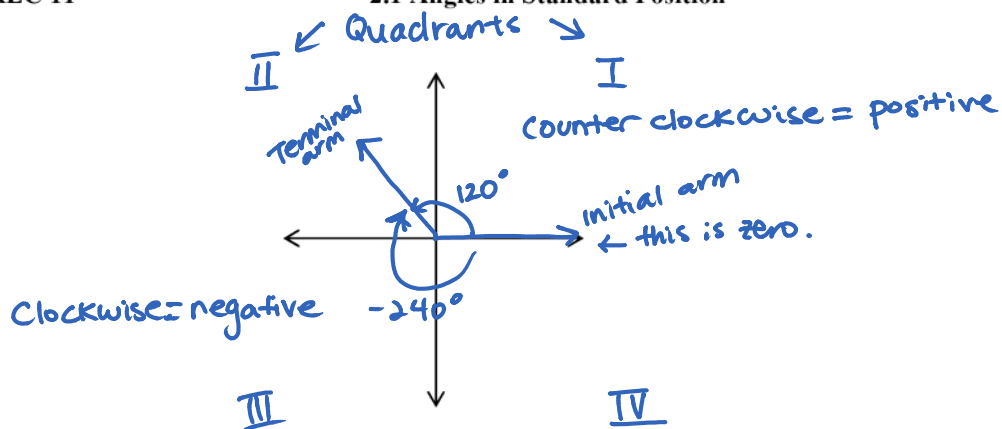


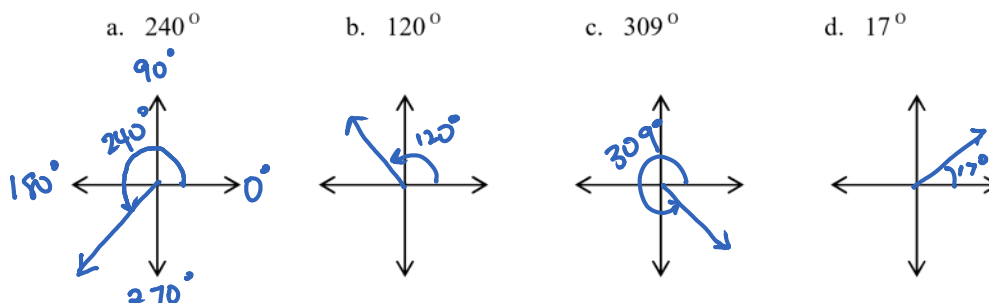
Lesson 2.1.1

Saturday, February 4, 2017 4:34 PM

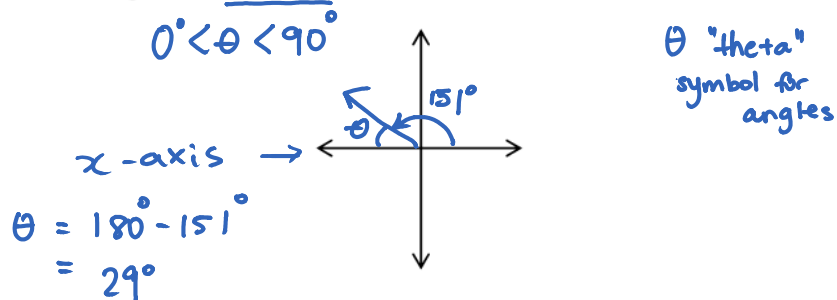
2.1 Angles in Standard Position



Example 1: Draw each angle in standard position:



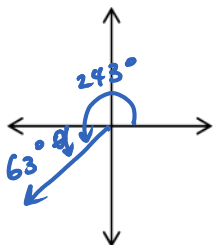
The reference angle is the acute angle formed between the terminal arm and the x-axis.



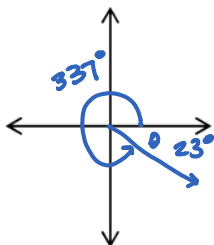
Reference angle is 29°.

Example 2: Draw each angle in standard position and state its reference angle:

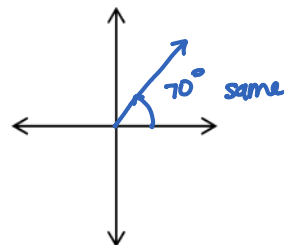
a. 243°



b. 337°

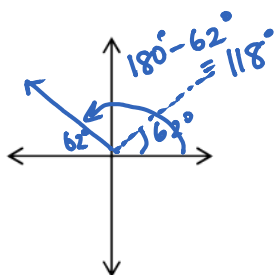


c. 70°

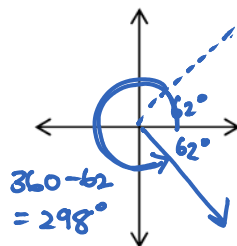


Example 3: Determine the angle in standard position when an angle of 62° is reflected:

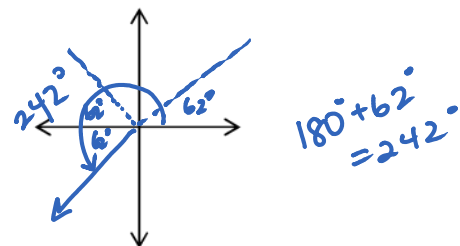
a. in the y -axis



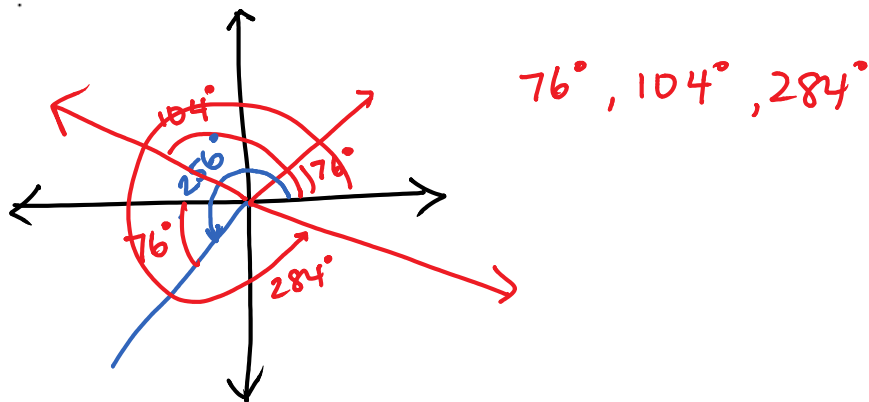
b. in the x -axis



c. in the y -axis and then in the x -axis.



Example 4: Determine three angles between 0° and 360° which have the same reference angle as 256° .



Assignment: pg. 83 #1-7, 9, 10