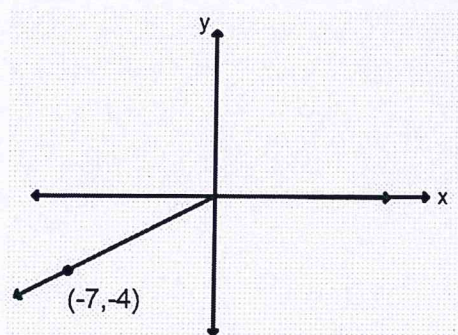


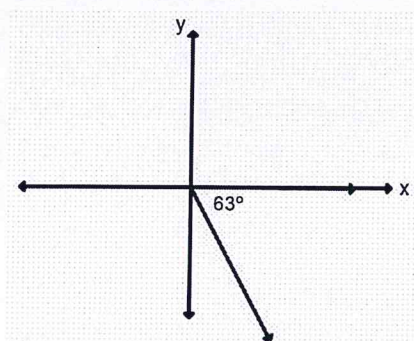
Practice #7 Sec 7-1 : Angles Tuesday, March 24, 2020

1. Find the reference angle for the given angle whose terminal side is in the third quadrant.

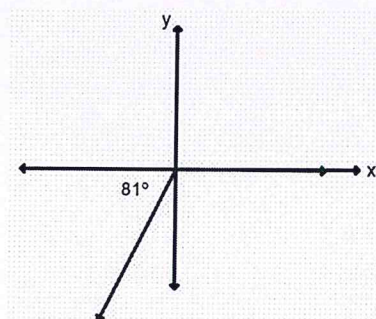


2. Find both a positive and negative angle measure for the given angles in Standard Position with the given reference angles.

a.



b.



Pos:

Pos:

Neg:

Neg:

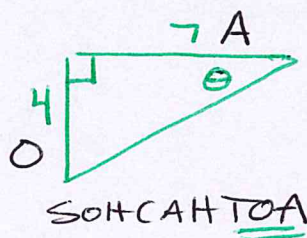
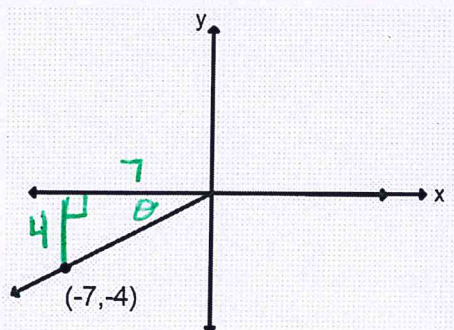
3. State the reference angle for each given angle that is in Standard Position.

a) $\theta = 315^\circ$

b) $\theta = 160^\circ$

c) $\theta = -100^\circ$

1. Find the reference angle for the given angle whose terminal side is in the third quadrant.



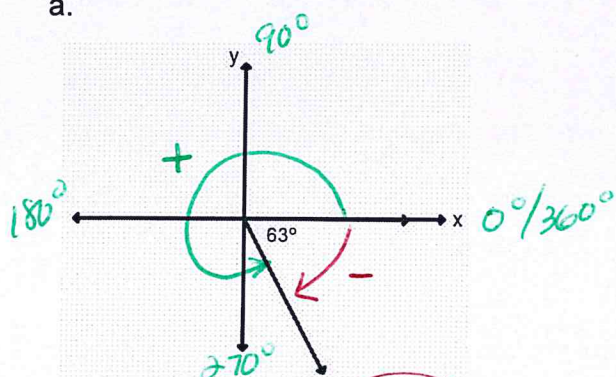
$$\tan \theta = \frac{4}{7}$$

$$\theta = \tan^{-1}\left(\frac{4}{7}\right)$$

$$\theta = 29.74^\circ$$

2. Find both a positive and negative angle measure for the given angles in Standard Position with the given reference angles.

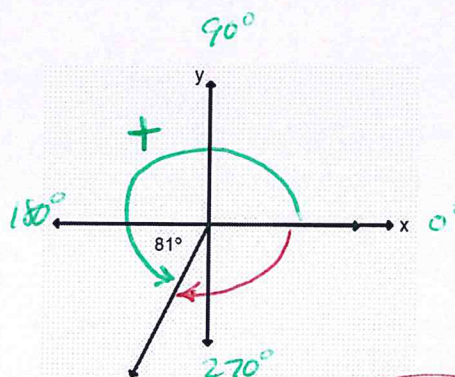
a.



Pos: $360^\circ - 63^\circ = 297^\circ$

Neg: -63°

b.

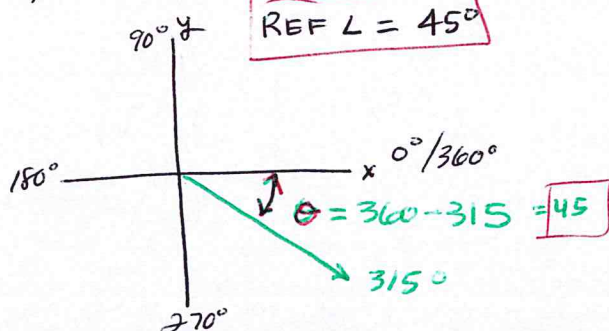


Pos: $180 + 81 = 261^\circ$

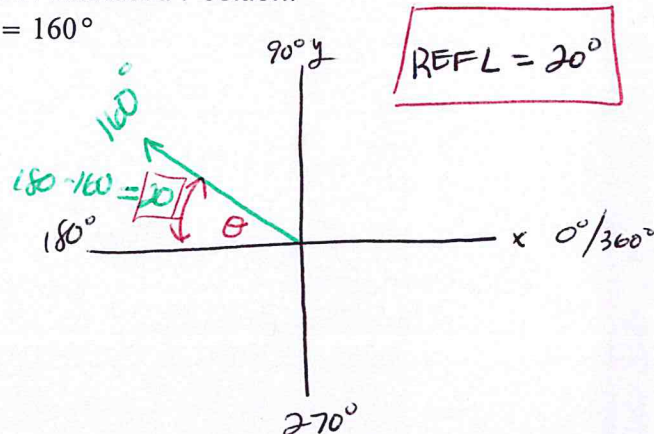
Neg: $-(180 - 81) = -99^\circ$

3. State the reference angle for each given angle that is in Standard Position.

a) $\theta = 315^\circ$



b) $\theta = 160^\circ$



c) $\theta = -100^\circ$

