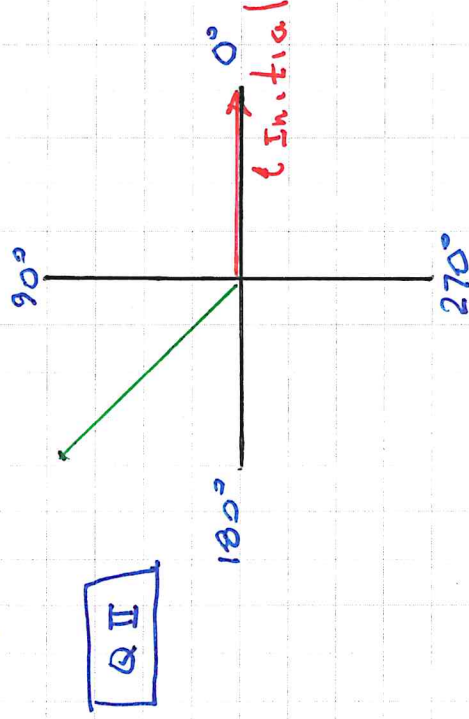
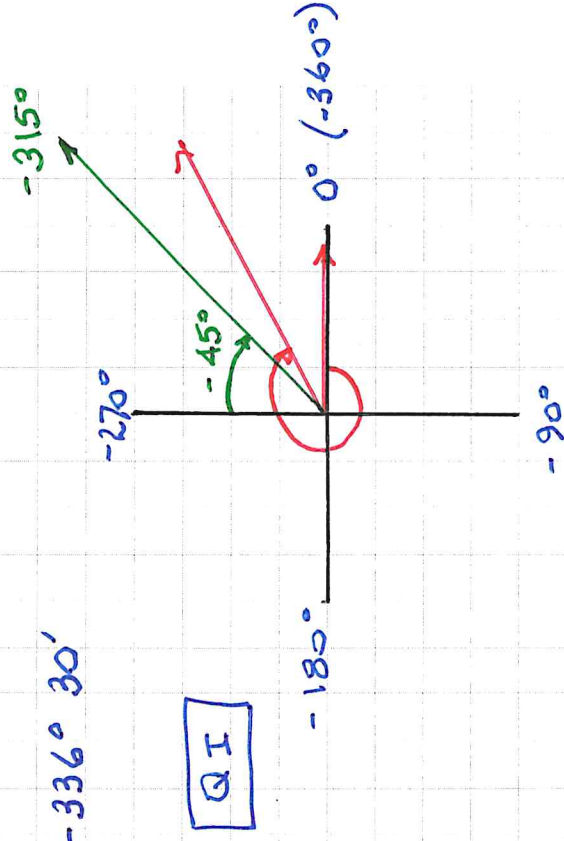


Pg. 262, #35 Determine the quadrant of the terminal side.

a)  $132^\circ 50'$



b)  $-336^\circ 30'$



Pg. 262, #45 Determine two coterminal angles (one +, one -) for:

a)  $-300^\circ$

+ :  $-300^\circ + 360^\circ = 60^\circ$

- :  $-300^\circ + (-360^\circ) = -660^\circ$

b)  $230^\circ$

+ :  $230^\circ + 360^\circ = 590^\circ$

- :  $230^\circ - 360^\circ = -130^\circ$

Pg. 262, #85 Find the complement and supplement for  $167^\circ$ .

Complement : None (Measure would be negative.)

$$\text{Supplement : } 180^\circ - 167^\circ = \boxed{13^\circ}$$

Pg. 262, #69 Convert  $85^\circ 18' 30''$  to decimal degree form.

$$85^\circ 18' 30'' = 85^\circ + \frac{18}{60} + \frac{30}{3600} = \boxed{85.308^\circ}$$