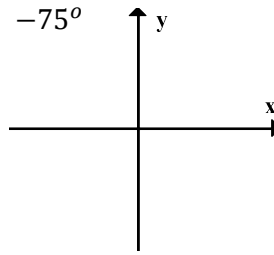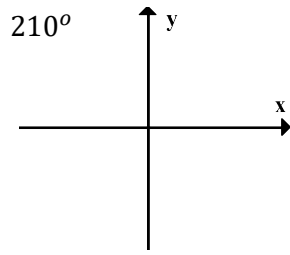# C11 - 2.1 - $Sketch, Find\ \theta_r, \theta_{stp}\ HW$

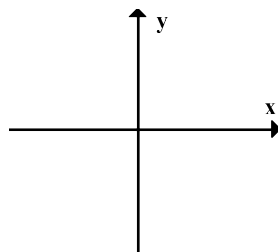**Sketch θ_{stp}.**
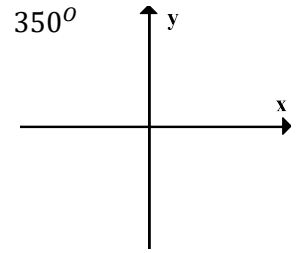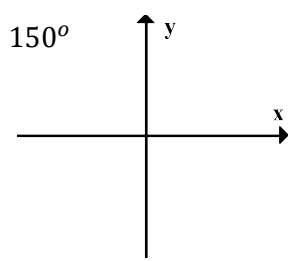
150°

210°

-75°

350°

Sketch θ_r

30° In Quadrant I

70° In Quadrant II

20° In Quadrant III

45° In Quadrant IV

Find θ_r for each θ_{stp}

$\theta_{stp} = 150^o$

$\theta_{stp} = 220^o$

$\theta_{stp} = 65^o$

$\theta_{stp} = 315^o$
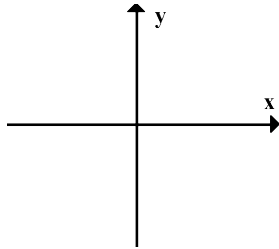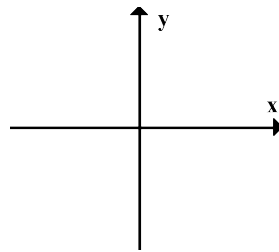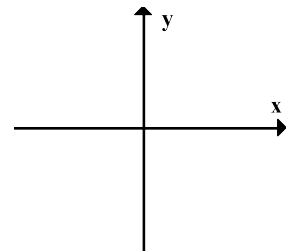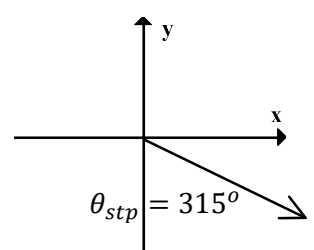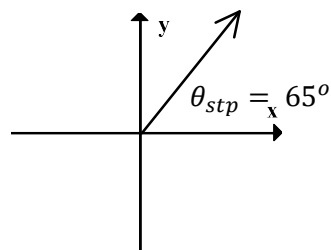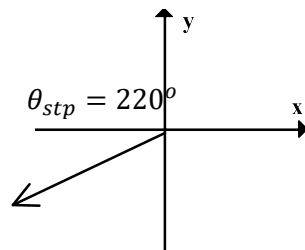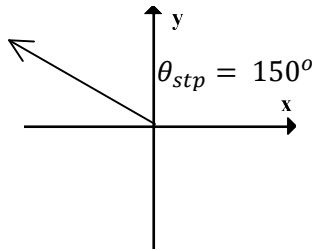
Find the smallest positive θ_{stp} for each θ_r

$\theta_r = 35^o$

$\theta_r = 55^o$

$\theta_r = 42^o$

$\theta_r = 60^o$

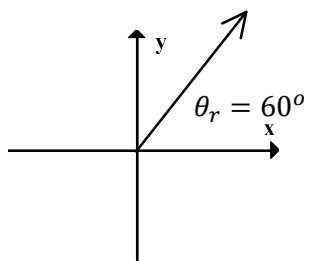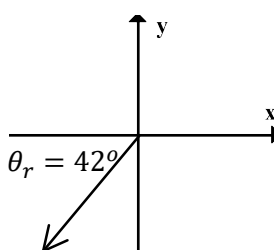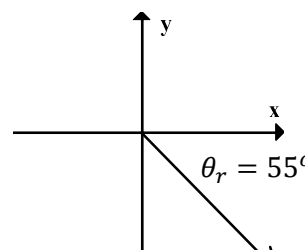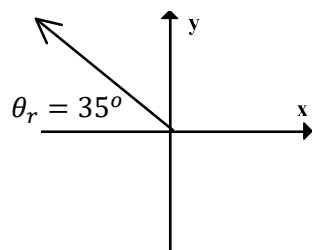# C11 - 2.1 - $Sketch, Find\ -\theta_{stp}, \theta_{cot}\ HW$

Find a negative θ_{stp} for each θ_r

$\theta_r = 35^o$

$\theta_r = 55^o$

$\theta_r = 42^o$

$\theta_r = 60^o$
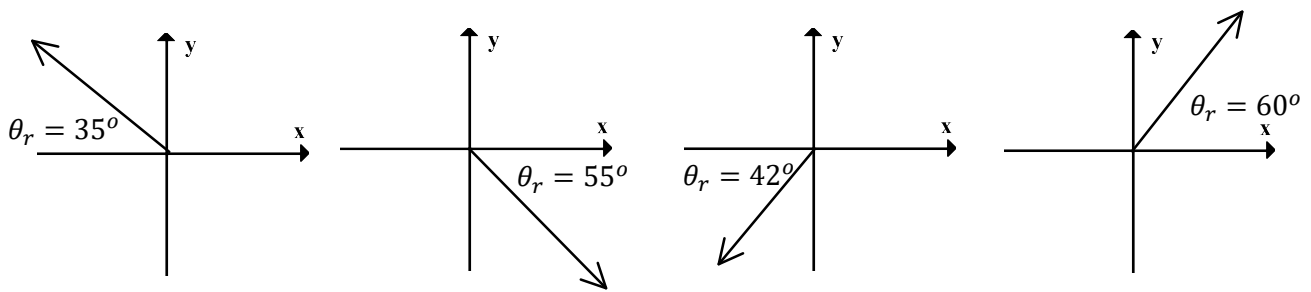
Find a positive and negative θ_{cot} for each θ_{stp}

$\theta_{stp} = 135^o$

$\theta_{stp} = -55^o$

$\theta_{stp} = 230^o$

$\theta_{stp} = 50^o$