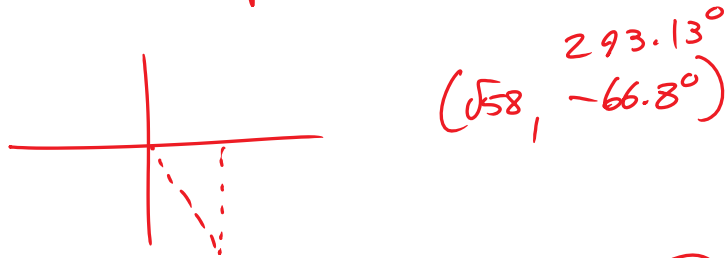
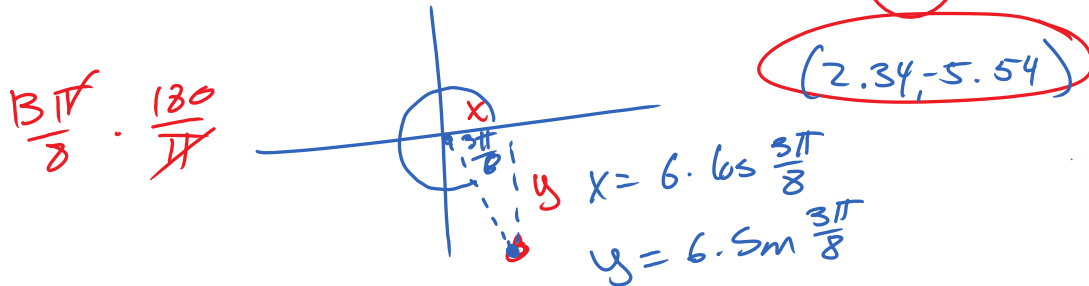


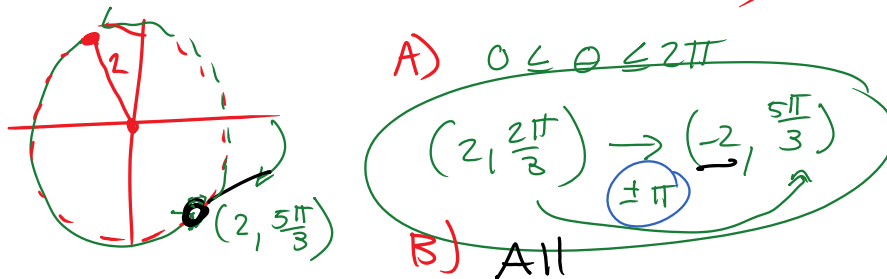
(1) Convert to Polars:  $(3, -7)$



(2) Convert to Rectangular:  $(6, \frac{13\pi}{8})$



(3) Find all polars for point:  $(2, \frac{2\pi}{3})$



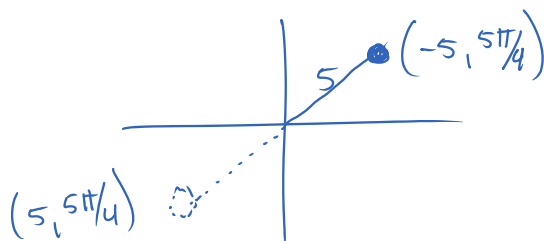
$$\boxed{\begin{matrix} + \\ (2, \frac{2\pi}{3} + 2\pi \cdot n) \end{matrix} \quad \begin{matrix} - \\ (-2, \frac{5\pi}{3} + 2\pi \cdot n) \end{matrix}}$$

$$(r, \theta) \quad (-r, \theta + \pi + 2\pi n)$$

$$(r, \theta + 2\pi n)$$

general form

(4) Find All polars:  $(-5, \frac{5\pi}{4})$   $0 \leq \theta < 2\pi$



$$\begin{matrix} (-5, \frac{5\pi}{4}) \\ \neq (5, \frac{\pi}{4}) \end{matrix} \Rightarrow$$

$$\boxed{\begin{matrix} \text{All} \\ (-5, \frac{5\pi}{4} + 2\pi n) \\ (5, \frac{\pi}{4} + 2\pi n) \end{matrix}}$$