Chapter 10.2

$$3.(c) \left(-6, -\frac{5\pi}{6}\right)$$

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$$\left(-6, -\frac{5\pi}{6}\right)$$

 $x = -6 \cos\left(-\frac{5\pi}{6}\right) = 3\sqrt{3}$ $y = -6 \sin\left(-\frac{5\pi}{6}\right) = 3$

$$y = -6 \sin \left(-\frac{5\pi}{6}\right) = 3$$

$$7 = -5610 = -5$$
 $7 = -55in0 = 0$

$$|x = -4\cos(-\frac{3\pi}{2}) = 0$$
 $|y = -4\sin(-\frac{3\pi}{2}) = -4$

$$4 = -4 \sin \left(-\frac{3\pi}{2}\right) = -4$$

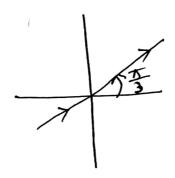
$$\pi = \sqrt{x^{2}+1^{2}} = \sqrt{(-5)^{2}+0^{2}} = 5$$

$$\tan \theta = \frac{29}{12} = 7\theta = \tan^{-1}\frac{20}{-85} = \pi, -\pi$$

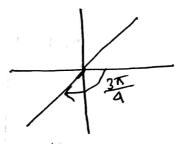
$$\tan \theta = \frac{4}{3} = \frac{-8}{-8} = 7 \theta = \frac{5\pi}{4} - \frac{3\pi}{4}$$

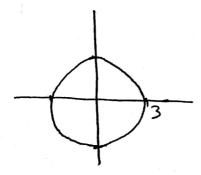
80,
$$(8\sqrt{2}, \frac{5\pi}{4})$$
 and $(8\sqrt{2}, -\frac{3\pi}{4})$

$$23 \cdot \theta = \frac{\pi}{3}$$

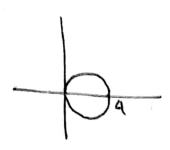


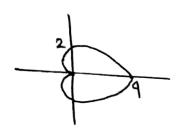
22.
$$\theta = -\frac{3\pi}{4}$$

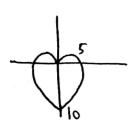




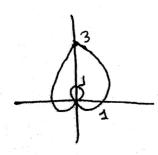
24. R = 4 COSO

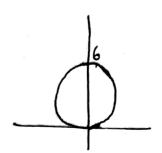






$$\frac{a}{b} : \frac{1}{2} < 1$$





27.
$$R = 3 (1 + 5) n\theta$$

=> $R = 3 + 35 m\theta$

