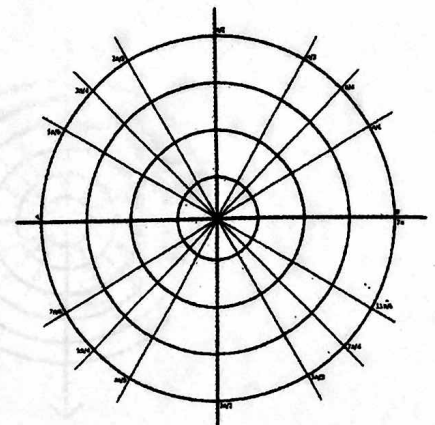
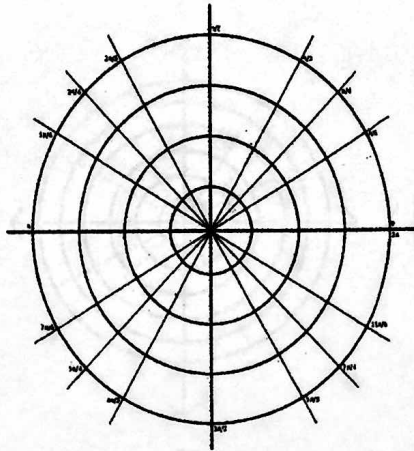
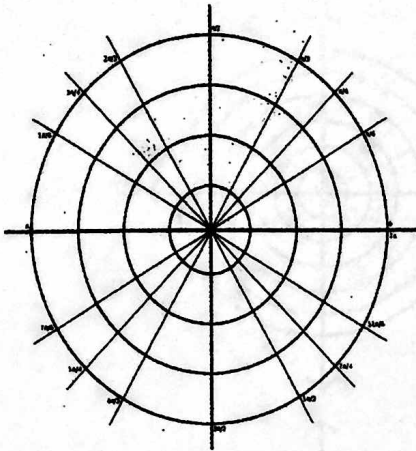


1. Graph:



A $(-1, 3\pi/4)$

B $(3, \pi/2)$

C $(2, -\pi/6)$

D $(0, \pi/6)$

E $(-2, 5\pi/6)$

F $(-3, -2\pi/3)$

2. Give three sets of polar coordinates for the point:

a. $(2, 2\pi/3)$ _____

b. $(-3, \pi/6)$ _____

c. $(2, -3\pi/4)$ _____

d. $(-4, -11\pi/6)$ _____

3. Find the rectangular coordinates of the point given in polar coordinates.

a. $(3, -\pi/6)$ _____

b. $(-4, 0)$ _____

c. $(2, \pi)$ _____

d. $(-1, -2\pi/3)$ _____

4. Find the polar coordinates with the given rectangular coordinates.

a. $(0, -3)$ _____

b. $(-\frac{1}{2}, -\frac{1}{2})$ _____

c. $(\frac{1}{2}, -\frac{\sqrt{3}}{2})$ _____