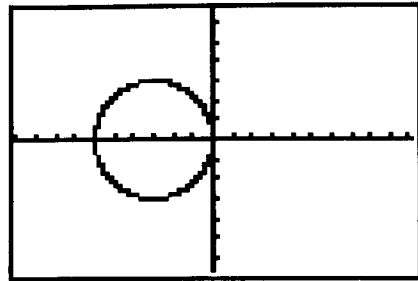
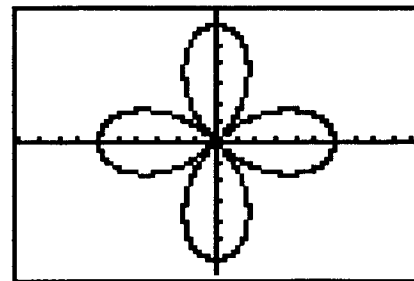


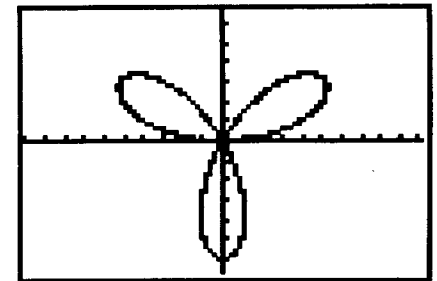
$$r = 6 \sin \theta$$



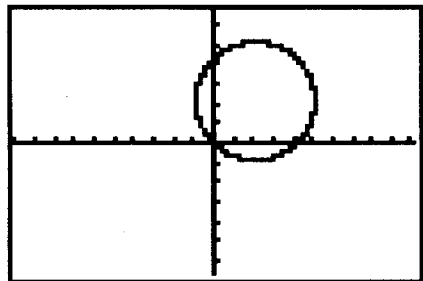
$$r = -6 \cos \theta$$



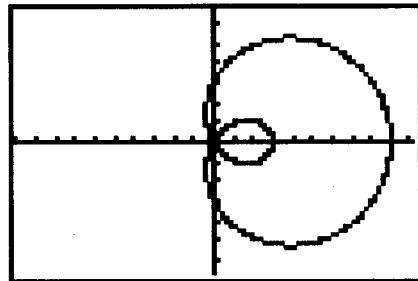
$$r = 6 \cos 2\theta$$



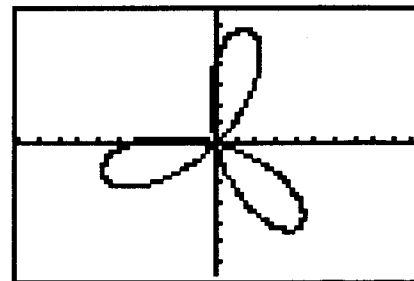
$$r = 6 \sin 3\theta$$



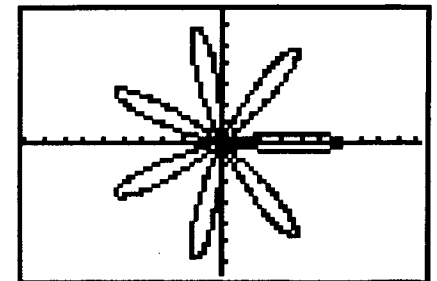
$$r = 6 \cos(\theta - \pi/4)$$



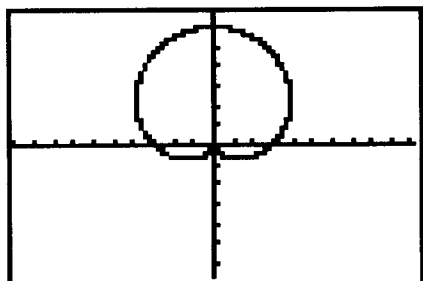
$$r = 3 + 6 \cos \theta$$



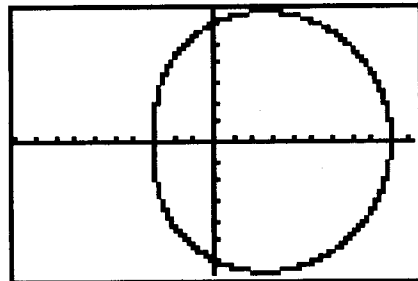
$$r = 6 \sin 3(\theta - \pi/4)$$



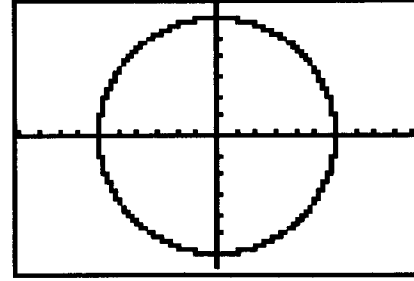
$$r = 6 \cos 7\theta$$



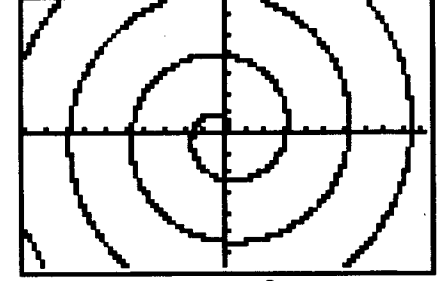
$$r = 3 + 3 \sin \theta$$



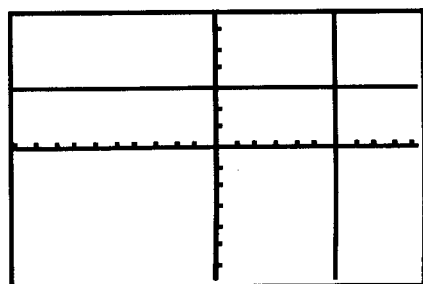
$$r = 6 + 3 \cos \theta$$



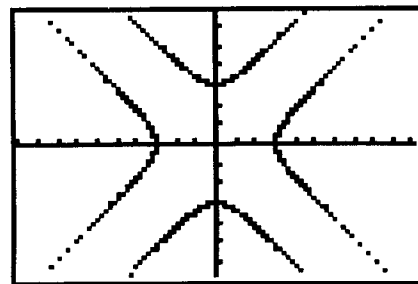
$$r = 6$$



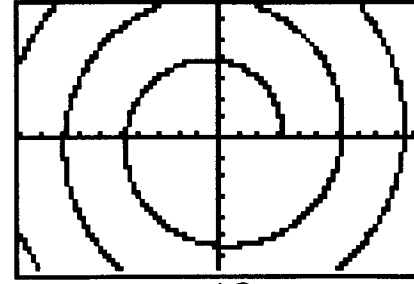
$$r = \frac{1}{2} \theta$$



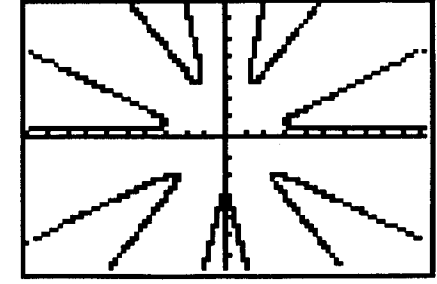
$$r = \frac{3}{\sin \theta} \quad r = \frac{5}{\cos \theta}$$



$$r = \frac{3}{\cos 2\theta}$$



$$r = \frac{1}{2} \theta + \pi$$



$$r = \frac{3}{\sin 7\theta}$$

Find a suitable polar equation for each of the above graphs.