$$(\sqrt{2}a, \frac{1}{2}\pi) \quad \theta = \frac{\pi}{2}$$

$$(\sqrt{2}a, \frac{7}{6}\pi) \quad \theta = 0$$

$$(\sqrt{3}a, \pi) \quad (0, 0) \quad (\sqrt{3}a, 0)$$

$$(\sqrt{2}a, \frac{3}{2}\pi)$$