$$e$$
 a
 b
 c
 $2\pi/3$

$$a = 2e\cos\left(\frac{\pi - 2\pi/3}{2}\right) = \sqrt{3}e\tag{1}$$

$$b = e \sin\left(\frac{\pi - 2\pi/3}{2}\right) = \frac{1}{2}e\tag{2}$$

$$b = e \sin\left(\frac{\pi - 2\pi/3}{2}\right) = \sqrt{3}e \qquad (1)$$

$$b = e \sin\left(\frac{\pi - 2\pi/3}{2}\right) = \frac{1}{2}e \qquad (2)$$

$$c = b + e = \frac{3}{2}e \qquad (4)$$

$$c = b + e = \frac{3}{2}e\tag{4}$$

$$d = \frac{e/2}{\cos(\pi/3)} = e \tag{5}$$

Area =
$$6\left[\frac{1}{2}e^{\frac{a}{2}}\right] = \frac{3\sqrt{3}}{2}e^2$$
 (6)

$$e = \sqrt{\frac{2\text{Area}}{3\sqrt{3}}}\tag{7}$$