ساب حسین رباب علیرضا 99109393
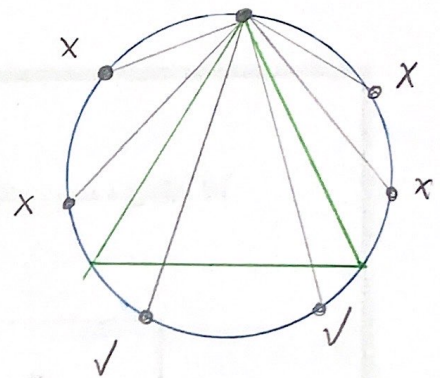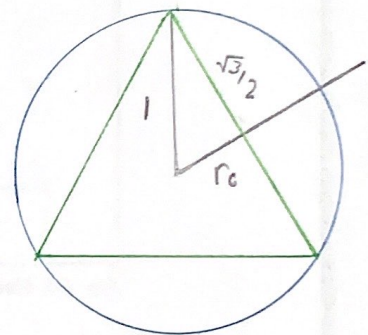
$$P_1 = 1/3 \qquad \left(= \frac{\frac{2\pi}{3} \times 1}{\frac{2\pi}{3} \times 3} \right)$$

P_1

$$r_c = 1 \times \sin\left(\frac{\pi}{6}\right) = 1/2$$

$$P_2 = 1/2 \qquad P_2$$

$$P_3 = P_{(r < r_c)} = \frac{\pi r_c^2}{\pi (1)^2} = (1/2)^2 = 1/4$$

P_3