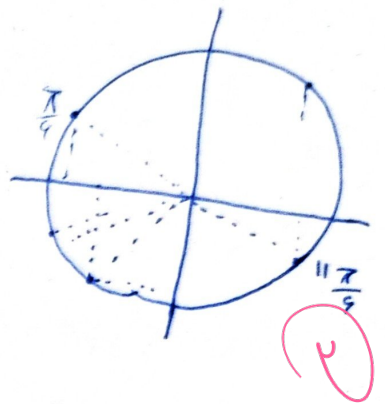


in ius

11, 20

1

$$\frac{a \sin \frac{\pi}{4} + b \cos \frac{\pi}{4}}{a \sin \frac{5\pi}{4} + b \cos \frac{5\pi}{4}} = \tan \frac{2\pi}{4}$$



$$(a+b)$$

$$\frac{(a+b)}{(b-a)} = \frac{-\sqrt{r}}{r} \times \frac{1}{r} \times \frac{r}{-\sqrt{r}}$$

$$\frac{a+b}{-a+b} = \frac{1}{r}$$

$$(-r) = \frac{r}{-1} = \frac{b}{a}$$

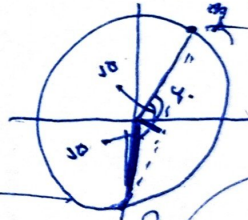
$$ra + rb = -a + b$$

$$ra = -rb$$

2

$$\cos \theta = \frac{1}{r} \rightarrow \theta = \cos^{-1} \frac{1}{r}$$

~~sin~~



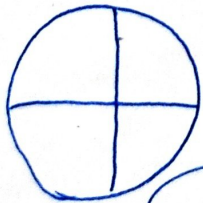
$$\cos \theta = \frac{1}{r}$$

3

$$AB = \sqrt{1^2 + 1^2 - 2 \times 1 \times 1 \times \frac{\sqrt{r}}{r}} = \sqrt{2 - 2\sqrt{r}}$$

$$AB = OP + OP' + PP' = 1 + 1 + \sqrt{2 - 2\sqrt{r}}$$

4



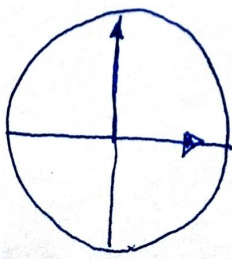
$$r: \epsilon_0$$

$$\frac{\pi}{4} \times \frac{11.0}{\pi} = r$$

$$\frac{r}{11.0} = \epsilon_0$$

$$\frac{11.0}{\epsilon_0 \min} = r$$

5



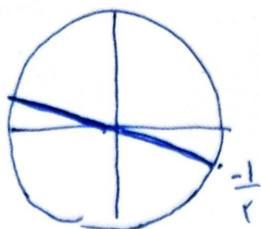
$$l_{\min} \rightarrow \frac{r}{11.0} = \epsilon_0$$

$$\frac{r}{11.0} = \epsilon_0$$

$$r + \epsilon_0 = 11.0$$

$$r + \epsilon_0 = 11.0$$

2



$$-\frac{1}{r} < \frac{m-r}{a} \leq 1$$

2

if $m < r$

$$-a < r m - r \leq 1$$

$$1 \leq r m \leq 19$$

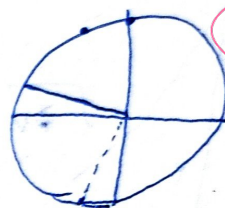
$$-1 < m \leq 1$$

3

$$\tan \alpha = \frac{1}{r} \quad \left\{ \begin{array}{l} \sin = \frac{1}{\epsilon} \\ \cos = 1 \end{array} \right.$$

$$-\epsilon - \frac{q}{r}$$

$$\frac{1 + \frac{-k}{\epsilon}}{-1 + \frac{-1}{r}} = -1 \rightarrow 1 - \frac{k}{\epsilon} = -\frac{q}{\epsilon}$$

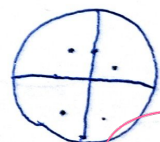


1, 0

$$-1 - \frac{q}{2} = 1 - \frac{k}{2} \rightarrow -\frac{k}{2} = -\frac{r}{2} \rightarrow k = r$$

4

$$\frac{\tan \alpha + \cot \alpha}{\tan \alpha - \cot \alpha} = \frac{r \cot \alpha}{- \cot \alpha} = -r \cot \alpha$$



1



$$\rightarrow \cot \alpha = -\frac{1}{r} \rightarrow -r \cot \alpha = -r \times \frac{1}{r} = -1$$

1

$$\frac{q}{a} \times \frac{\pi}{a} = \frac{q \pi}{a^2}$$

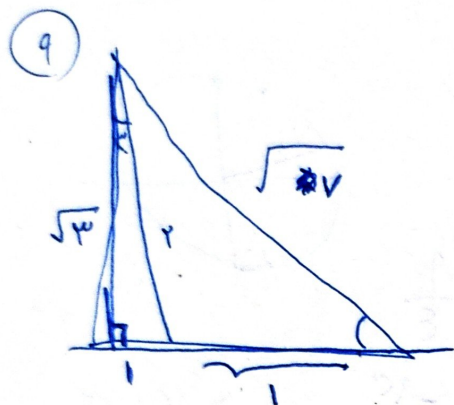
$$\frac{q r}{\pi r^2} \times \frac{\alpha r}{\frac{\alpha}{r} r^2}$$

2

$$\frac{S_A}{S_B} = \left(\frac{r}{r} \right)^2 = \frac{q}{\epsilon}$$

$$\frac{r_A}{r_B} = \frac{q}{q} = \frac{r}{r}$$

Chaitin

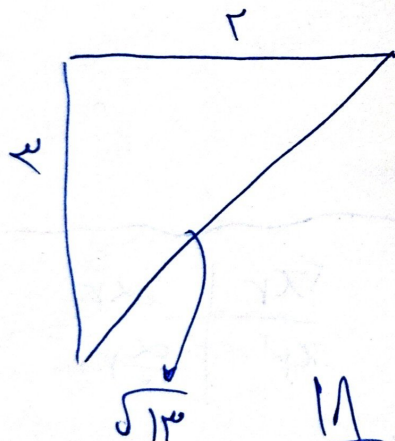


$$\frac{1}{r} \sqrt{r} \times \text{angle} = \sqrt{3} \quad r-1=1$$

$$\sin C = \frac{\sqrt{3}}{r} \sin C \cos C$$

$$r \times \frac{\sqrt{r}}{\sqrt{r}} \times \frac{1}{\sqrt{r}} = \frac{r \sqrt{r}}{\sqrt{r^4}} = \frac{r \sqrt{r}}{r^2} = \frac{r \sqrt{r}}{r^2}$$

1.



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

$$r + r + \frac{1}{r} = \frac{1}{r}$$

$$\frac{1}{r} - \frac{1}{r} = \frac{1}{r}$$

$$\frac{1}{r} \sin \alpha \sqrt{1/r} \times \sqrt{1/r} = \frac{1}{r}$$

$$\sin = \frac{1}{r}$$