

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

$$\Rightarrow \frac{\sqrt{r}}{r}a + \frac{\sqrt{r}}{r}a = \frac{\sqrt{r}}{r}b - \frac{\sqrt{r}}{r}b \Rightarrow \frac{2\sqrt{r}}{r}a = -\frac{2\sqrt{r}}{r}b \rightarrow \frac{b}{a} = -\frac{1}{r}$$

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$$\cos \alpha = \frac{1}{r} \Rightarrow \alpha = 60^\circ \quad 40 - 21 = 19^\circ$$



$$\rightarrow \sqrt{1 + 1 + 2 \times 1 \times 10 \times \frac{\sqrt{r}}{r}} \rightarrow \sqrt{2 + 20\sqrt{r}} \rightarrow r\rho = r + \sqrt{r + \sqrt{r}}$$

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$$\frac{\pi}{q} = 20^\circ \rightarrow 12h \rightarrow 340 \Rightarrow \frac{340}{r} = 18 \rightarrow \frac{12}{18} = \frac{r}{r}$$

$$\frac{r}{r}h \rightarrow f. \min \Rightarrow r:00 + 0:40 = r:f.1$$

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$$|\sin m - \sin H| = r \Rightarrow H = r$$

$$|\sin m - \sin 90| = r \Rightarrow \sin m - \sin 90 = r \rightarrow m = \frac{110}{\sin 90} = r$$

$r. \min$

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$$\rightarrow -\frac{1}{r} \leq \sin x \leq 1 \rightarrow -\frac{1}{r} \leq \frac{m-r}{r} \leq 1$$

$$\Rightarrow -\frac{r}{r} \leq m-r \leq r \rightarrow \frac{1}{r} \leq m \leq 1$$

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$$\frac{r \cos \alpha - k \sin \alpha}{- \cos \alpha - r \sin \alpha} = r \div \cos \alpha \frac{1 - k \tan \alpha}{-1 - r \tan \alpha} = r$$

$$r = \frac{1 - \frac{k}{r}}{-1/\alpha} \Rightarrow -f/\alpha = +1 - \frac{k}{f} \Rightarrow k = r$$

$$\frac{\cancel{r} \cot n + \cot n}{\tan n - r \tan n} = \frac{r \cot n}{-\tan n} \rightarrow \frac{1 - \cos n}{1 + \cos n} = r \Rightarrow \cos n = -\frac{1}{r}$$



$$\rightarrow \sin n = \frac{1}{r} \rightarrow \cos n = -\frac{1}{r\sqrt{1 - \frac{1}{r^2}}} \quad \tan n = -\frac{1}{r\sqrt{1 - \frac{1}{r^2}}}$$

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

$$I_A \frac{q\pi}{1.} = R_B \frac{q\pi}{1.} \Rightarrow \frac{R_A}{R_B} = \frac{q}{q} = \frac{r}{r}$$

$$\frac{1.1}{1.1.} = \frac{0}{1.} \Rightarrow \frac{q}{1.} = 0 \quad \frac{S_A}{S_B} = \frac{q}{f}$$



$$A_1 = r. \Rightarrow AD = r \quad BD = r$$

$$\text{Given } \rightarrow AB = r \rightarrow \frac{AB(BD + DC)}{r} = \sqrt{r} \rightarrow DC = 1$$

$$\sin \alpha = \frac{r}{r}, \cos \alpha = \frac{r}{r} \rightarrow \sin \alpha = r \sin \alpha \cos \alpha$$

$$BDC = \frac{r}{r} \rightarrow \sin \alpha = \frac{r}{r}$$

$$\sin \alpha = \frac{r}{r} \quad \cos \alpha = \frac{r}{r}$$

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



$$\sin \theta = \sin(\alpha - \theta) = \sin \alpha \cos \theta - \cos \alpha \sin \theta = \frac{r}{r} \times \frac{r}{r} - \frac{r}{r} \times \frac{r}{r}$$