



$$\Sigma \times 4 = 120 + 4 + 2V = 180^\circ$$

$$\frac{0.8}{r} = 2V$$

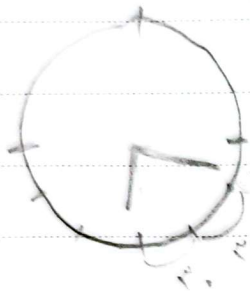
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$$\alpha = 0.8, \delta M = 2.0H$$

(ب)

$$(0.8 \times 0.8 = 2.0 \times 2) = 2.0V$$

$$14 = 2.0V, 180^\circ$$



$$2 \times 120 = 4 + 9 + 12 = 111^\circ$$

$$\frac{11}{r} = 9$$

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$$r = 11, 12$$

$$r \times 9 = 11$$

$$(0.8M = 2.0H)$$

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$$(0.8 \times 11 = 2.0 \times 9) = 111^\circ$$

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$$S = \frac{\pi}{r} \times \alpha, \frac{r\pi}{2}$$

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$$L = 2R + 2R = 4 + \frac{\pi}{4} \times 12 = 9 + \frac{\pi}{4}$$

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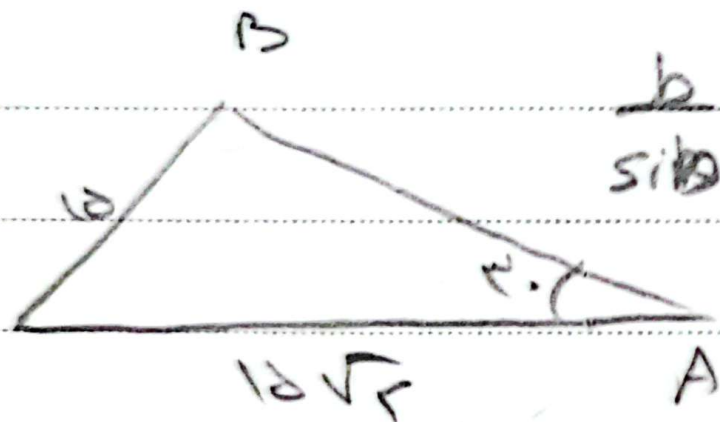
$$S = \frac{1}{r} \times a \times b \times \sin A, \frac{1}{r} \times A \times \delta = \frac{\sqrt{r}}{r} = 1.0\sqrt{r}$$

$$CB^2 = 4E + 20 = 2 \times 12 \times 2 = \frac{1}{r} = 29 \quad CB = \sqrt{49} = 7$$

$$a^2 = b^2 + c^2 - 2bc \cos A \quad P = 1 + 8 + \sqrt{5} \times 2$$

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$$\frac{b}{\sin b} = \frac{a}{\sin A} = \frac{10}{\sin \frac{\pi}{4}} = \frac{10}{\frac{1}{\sqrt{2}}} = 10\sqrt{2}$$

$$\sin b = \frac{\sqrt{2}}{2} \Rightarrow b = \arcsin\left(\frac{\sqrt{2}}{2}\right) = \frac{\pi}{4} \text{ or } \frac{3\pi}{4}$$

$$\frac{\pi}{2} + C = \frac{3\pi}{4}$$

$$C = \frac{\sqrt{2}}{2} \quad B = \frac{\pi}{4}$$

$$C = \frac{0\pi}{4} - \frac{\pi}{2} = \frac{1\pi - 2\pi}{4} = \frac{-\pi}{4}$$

$$\frac{\tan(a) + \mu \tan(a)}{\tan(a) - \tan(a)}$$

$$= \frac{\tan(a)}{-\tan(a)} = -1$$

$$\tan\left(\frac{\pi}{r} - \frac{\pi}{1r}\right) + \tan\left(\frac{\pi}{r} + \frac{\pi}{1r}\right) = \frac{10}{11} = \frac{\pi}{1r}$$

$$\tan\left(\pi - \frac{\pi}{1r}\right) - \tan\left(\frac{\pi}{r} - \frac{\pi}{1r}\right)$$

$$+ \tan\left(\frac{\pi}{1r}\right) - \cot\left(\frac{\pi}{1r}\right)$$

$$= \tan\left(\frac{\pi}{1r}\right) - \cot\left(\frac{\pi}{1r}\right)$$

$$= \tan a - \frac{1}{a}$$

$$= \frac{1}{a} + \frac{1}{a} = \frac{2}{a}$$

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$$\frac{(\sin + \cos) + (\sin - \cos)}{(\sin - \cos)(\sin + \cos)}$$

1

$$(\sin - \cos)(\sin + \cos)$$

$$\frac{\sin^2 + \cos^2 + \cancel{\cos \sin} + \sin^2 + \cos^2 - \cancel{\cos \sin}}{1 - \cos^2}$$

$$\frac{\sin^2 - \cos^2}{1 - \cos^2}$$

$$r = 4 \cos^2 r$$

$$\sin^2 + \cos^2 = 1 \quad \frac{1}{4} = \frac{\cos^2}{r}$$

$$\tan^2 + 1 = \frac{1}{\cos^2} \quad \tan^2 + 1 = 4 \quad \tan^2 = 3$$

$$\frac{\sin^2 r - \cos^2 r}{1 - \cos^2 r} = \frac{-\cos^2 r \sin^2 r}{1 - \sin^2 r} = \frac{r \sin^2 - \cos^2}{\cos^2} \quad r \tan^2 - 1 = 3$$

$$\cos^2(r, 0) = \frac{1 + \cos(2\theta)}{2} \quad \frac{1 + \frac{\sqrt{r}}{r}}{2} = \frac{r + \sqrt{r}}{2} \cos \frac{\sqrt{r + \sqrt{r}}}{r}$$

$$\sin(90, 0) = \frac{1 - \cos(180)}{2} \quad \frac{1 + \frac{\sqrt{r}}{r}}{2} = \frac{r + \sqrt{r}}{2} = \frac{\sqrt{r + \sqrt{r}}}{r}$$