

$$\frac{100}{128} = \frac{\pi}{2} \rightarrow \frac{100}{128} = \frac{\pi}{2}$$

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$$100 \rightarrow \frac{100}{128} \text{ grad} \rightarrow \frac{100}{128} \text{ rad} \rightarrow \frac{100}{128} \text{ rad} \rightarrow \frac{100}{128} \text{ rad}$$

$$100 + \frac{100}{128} + \frac{100}{128} = 100 \rightarrow \frac{100}{128} + \frac{100}{128} = 100 \rightarrow \frac{100}{128} = 100$$

$$\cos 40^\circ \cos 20^\circ - \sin 40^\circ \sin 20^\circ = \cos 60^\circ = \frac{1}{2}$$

$$\frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} \rightarrow \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}}$$

$$\sin \theta = \frac{1}{\sqrt{2}} \rightarrow \sin \theta = \frac{1}{\sqrt{2}} \rightarrow \theta = 45^\circ$$

$$\frac{1}{\sqrt{2}} + \cos \theta = 1 \rightarrow \cos \theta = \frac{1}{\sqrt{2}} \rightarrow \theta = 45^\circ$$

$$\tan \theta = \frac{\sin \theta}{\cos \theta} = \frac{1/\sqrt{2}}{1/\sqrt{2}} = 1 \rightarrow \theta = 45^\circ$$

$$\tan \theta = \frac{1}{\sqrt{2}} \rightarrow \theta = 35.26^\circ$$

$$\tan \theta = \sqrt{2} \rightarrow \theta = 63.43^\circ$$

$$\tan \theta = 0 \rightarrow \theta = 0^\circ$$

$$\frac{100 \sin \theta - \cos \theta}{\sin \theta - \cos \theta} = \frac{100 \cos \theta - \cos \theta}{\cos \theta - \cos \theta} = \frac{100 \cos \theta - \cos \theta}{\cos \theta - \cos \theta}$$

تاریخ:

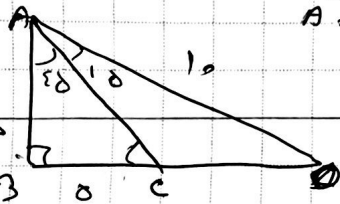
$$\sin \alpha = \frac{4}{10}$$



$$\frac{AB}{AC} = \frac{4}{10} = \frac{4}{AC} \Rightarrow AC = 10$$

$$BC^2 = AC^2 - AB^2 = 100 - 16 = 84 \Rightarrow BC = \sqrt{84} = 2\sqrt{21}$$

$$P = 4 + 8 + 10 = 22$$



$$\hat{A} = 90^\circ \rightarrow \sin \theta = \frac{BC}{AC} = \frac{4}{5} = \frac{4}{5} \Rightarrow \theta = \sin^{-1} \left(\frac{4}{5} \right)$$

$$\frac{1}{4} = \frac{AB}{AD} = \frac{AB}{10} = \frac{1}{4} \Rightarrow D = 25$$

$$A_1 = C_1 = 50 \rightarrow AB = 10, BC = 8, AC = 10$$

الف) $\theta \rightarrow \sin \theta = \frac{4}{5}$ $\cos \theta = \frac{3}{5}$

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$$\tan \alpha = \frac{4}{8} \rightarrow \alpha = \tan^{-1} \left(\frac{1}{2} \right)$$

$$\frac{\sin \alpha}{\cos \alpha} = \frac{1}{2} \quad \cos \alpha = \frac{2}{\sqrt{5}} \quad \sin \alpha = \frac{1}{\sqrt{5}} \quad \sin \alpha + \cos \alpha = \frac{1}{\sqrt{5}} + \frac{2}{\sqrt{5}} = \frac{3}{\sqrt{5}}$$