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$$\frac{1 + \sqrt{3}}{3 + 1} = \frac{1 + \sqrt{3}}{4}$$

$$\left(\frac{\sqrt{2}}{2} - \frac{\sqrt{3}}{2} \right) \left(\frac{\sqrt{2}}{2} + \frac{\sqrt{3}}{2} \right) =$$

$$\frac{1}{2} - \frac{3}{2} =$$

$$-\frac{1}{2}$$

$$\frac{AH}{BH} = \frac{3\sqrt{3}}{3\sqrt{3}}$$

$$B = 45^\circ$$

$$\triangle AHB = \text{مساوی الساقین}$$

$$AH = \sqrt{4} \quad \text{و} \quad CH = \sqrt{4}$$

$$C = 30^\circ \rightarrow AC = 4$$

$$BC = \sqrt{13} \rightarrow DC = \sqrt{13}$$

$$\frac{1}{\sqrt{13}} = \frac{x}{1} \rightarrow x = \frac{1}{\sqrt{13}}$$

$$\frac{\sqrt{3}}{3} \text{ و } 50^\circ \frac{\sqrt{3}}{x+y}$$

$$\sqrt{3} \text{ و } 50^\circ \frac{\sqrt{3}}{y} \rightarrow y = 50$$

$$\hat{B} = 30^\circ$$

$$\frac{\sqrt{2}}{2}$$

$$\frac{1}{2}$$

$$\frac{x}{y} = \frac{\sqrt{2}}{2}$$

$$\frac{2}{3}$$

$$0$$

$$\frac{1 \times 1 \times \sqrt{3}}{1} \times \frac{1}{\sqrt{3}}$$

$$\frac{1 \times 1 \times \sqrt{3}}{1} \times \frac{1}{\sqrt{3}}$$

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$$m = \frac{1}{r} \rightsquigarrow \theta = 30^\circ \rightsquigarrow \cos \theta = \frac{1}{r}$$

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$$b \leq a \quad m_s = \frac{1}{2} \rightsquigarrow \frac{1}{2}$$

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$$-\cos(x) + \cos(x) - \cot(x) = -\sqrt{3}$$

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$$\frac{-\cos x - \sin x}{-\cos x + \sin x} \cdot \frac{(\sin x + \cos x)}{(\sin x + \cos x)} = \frac{-\sin^2 x - \cos^2 x}{\sin^2 x - \cos^2 x} = -1$$

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