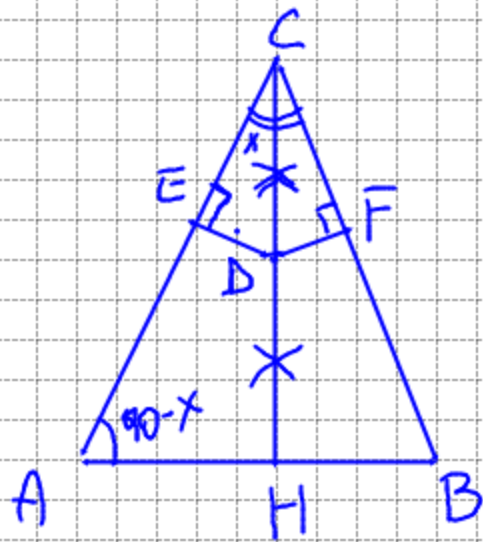


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$$\overline{CH} = 2a$$

$$\overline{HD} = a$$

$$\widehat{ACB} = 2x$$

$$\widehat{ACD} = x$$

$$2P_{CFDE}(x) = ?$$

$$\overline{CE} = \dots$$

$$\overline{ED} = \dots$$

$$\begin{aligned} 2P(x) &= 2a(\sin x + \cos x) = \\ &= 2a \left[\sqrt{2} \left(\frac{1}{\sqrt{2}} \sin x + \frac{1}{\sqrt{2}} \cos x \right) \right] = \end{aligned}$$

$$2\sqrt{2}a \sin \left(x + \frac{\pi}{4} \right)$$