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ادھن پور علی

☆(^^)~

$$AB = \sqrt{4} \Rightarrow B = 2 \text{ cm} \rightarrow A = 2 \text{ cm} \rightarrow \text{مساحة المثلث} = \frac{\sqrt{3}}{4} \times \sqrt{4} = \frac{\sqrt{3}}{4} = \sqrt{3} = AH$$

$(\sqrt{3})^2 - (\sqrt{3})^2 = HC \Rightarrow 9 - 3 = HC \Rightarrow HC = 6$

B حاده است!

$$PC = AD = 1 \dots$$

$\nu, \nu\delta$

✓

$$r \sin \theta = \sqrt{r^2 + r^2}$$

$$\underline{\Lambda} = \underline{\Sigma}$$

۷ تا ۸ دانه

$$= 1 \sqrt{P}$$

$$S_{+14} = \boxed{12}$$

31

$$\Lambda^2 + \Sigma^2 = J$$

4

صلى الله عليه وسلم

زادہٗ جہ نعتی

$$\underline{0}m + b =$$

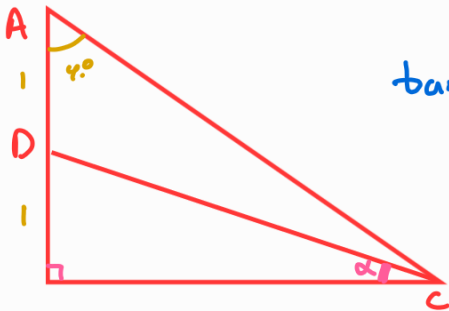
$$b = \frac{\partial v}{\partial z}$$

$$f_{1m} = \cos(\pi + n) + \sin\left(\frac{\pi}{4} - n\right) - \tan\left(\frac{\pi}{4} + n\right) = -\cos n + \cos n + \cot n = \cot n \Rightarrow \cot 15^\circ = -\sqrt{3}$$

* $\frac{0\pi}{4} = 15^\circ$ ✓ ۲ ۹ ۱۰

$$\frac{\sin\left(\frac{10\pi}{4} + n\right) + \cos\left(\frac{10\pi}{4} - n\right)}{\cos(2\pi + n) - \sin(4\pi + n)} = \frac{\sin\left(\frac{\pi}{4} + 1\pi + n\right) + \cos\left(\frac{\pi}{4} + 4\pi - n\right)}{\cos(2\pi + \pi + n) - \sin(4\pi - n)} = \frac{\cos n - \sin n}{-\cos n + \sin n} = \frac{-(-\cos n + \sin n)}{-\cos n + \sin n} = -1$$

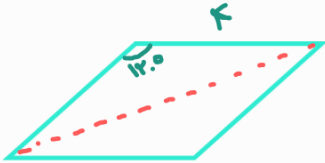
✓ ۲ ۱۰



$$\tan 4^\circ = \frac{BC}{AB} \rightarrow BC = 2\sqrt{3}$$

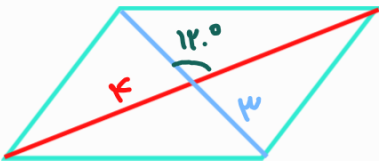
$$DC^2 = (2\sqrt{3})^2 + (1)^2 = 13 \rightarrow DC = \sqrt{13}$$

$$\sin \alpha = \frac{1}{\sqrt{13}}$$



$$S = \frac{1}{2} \times 4 \times 3 \times \sin 120^\circ = 4\sqrt{3}$$

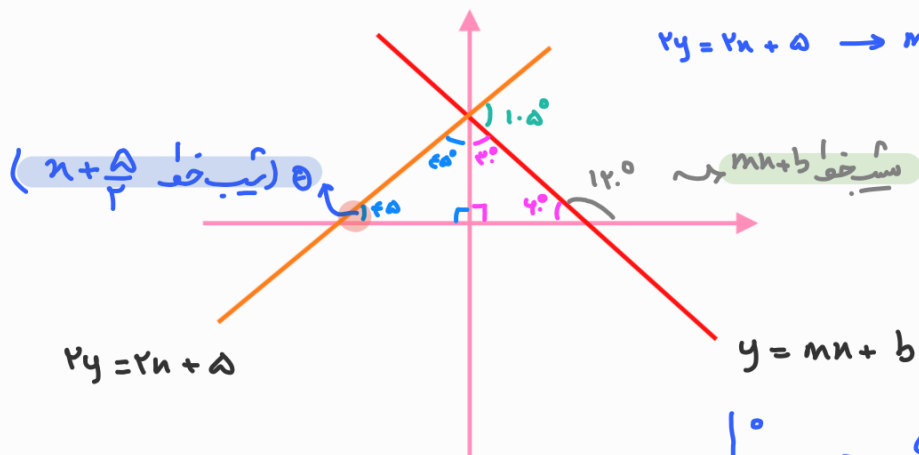
از دو مثلث هم‌زیست تشکیل شده!



$$S = \frac{1}{2} \times 4 \times 3 \times \sin 120^\circ = 3\sqrt{3}$$

فرمول درجۀ آمده $\rightarrow S = \frac{\text{قعر درجۀ} \times \text{قعر درجۀ}}{2}$

اگر $\rightarrow \frac{4}{2} \times \frac{3}{2} \times \frac{1}{2} \times \sin(120^\circ - 4^\circ) = 4 \times \frac{\sqrt{3}}{2} = 3\sqrt{3}$



$$y = x + 0 \rightarrow m = 1 \rightarrow \tan \theta = 1 \rightarrow \theta = 45^\circ$$

(طبق سطر صده است)

$$y = mx + b \rightarrow m = \tan 15^\circ = -\sqrt{3}$$

$$0 \rightarrow \frac{5}{2} = -\sqrt{3}(\cdot) + b \rightarrow b = \frac{5}{2}$$

$$mb = -\sqrt{3} \times \frac{5}{2} = -\frac{5\sqrt{3}}{2}$$