

بزرگ

$\angle B = \text{bary}$

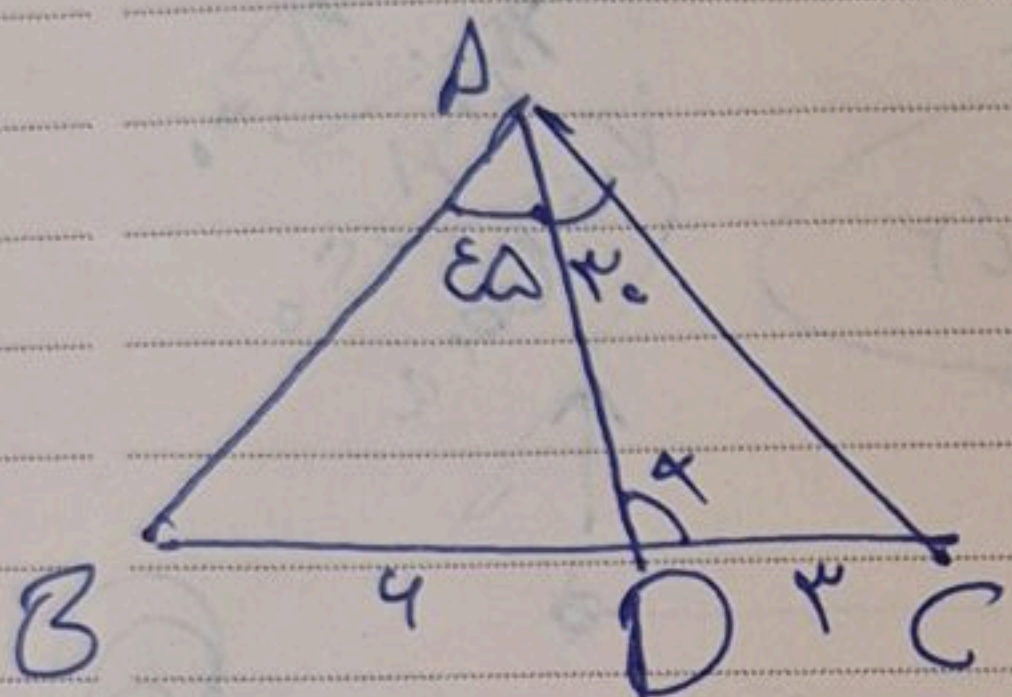
$OB = r = 1, OT = 1$

$OB^2 = OT^2 + TB^2$

$OB = \frac{1}{\sin \alpha}$

(1)

$AB \cdot OB \cdot OA = \frac{1}{\sin \alpha} - 1$

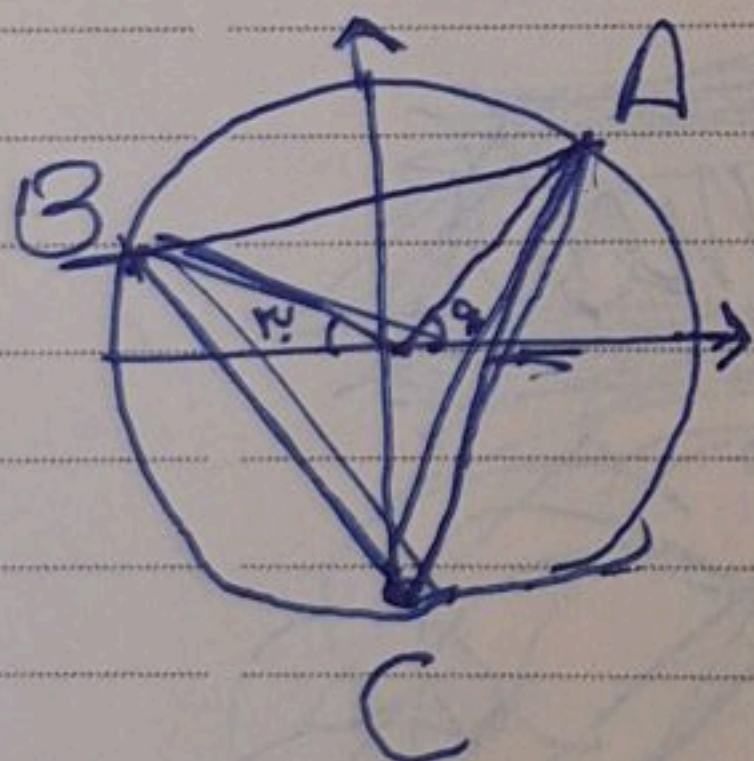


$\frac{r}{\sin \alpha} = \frac{AB}{\sin \alpha}$

$\frac{DC}{\sin \alpha} = \frac{r}{\sin \alpha}$

$\frac{AB}{DC} = \frac{r}{r} \times \frac{1}{r} = \frac{1}{r}$

(2)



$\angle AOB = \alpha \Rightarrow \angle AOB = \frac{1}{c} \times 1 \times 1 = \frac{1}{r}$

$\angle BOC = \beta \Rightarrow \angle BOC = \frac{1}{c} \times 1 \times 1 \times \sin \beta = \frac{\sqrt{r}}{r}$

$\angle AOC = \gamma \Rightarrow \angle AOC = \frac{1}{c} \times 1 \times 1 \times \sin \gamma = \frac{1}{r}$

$AB = \sqrt{1^2 + 1^2} = \sqrt{2}$

$\frac{DC}{\sin \alpha} = \frac{1}{\sin \alpha} \Rightarrow DC = \frac{1}{\sin \alpha} = \frac{r}{\sin \alpha} = \frac{r}{\frac{1}{r}} = r^2$

$\sin \alpha = \frac{r}{\sqrt{r}} \Rightarrow DC = \frac{\sqrt{r-r}}{r}$

$BC = \frac{1}{\sin \alpha} \Rightarrow BC = \frac{1}{\frac{1}{r}} = r$

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

بزرگ

M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	
S	7	14	21	28	

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پنجشنبه
تیر

26 June THURSDAY

$$c = \frac{b\sqrt{a^2 + \epsilon^2} + \sqrt{a^2 - b^2}}{r}$$

$$b\sqrt{a^2 + \epsilon^2} + \sqrt{a^2 - b^2}$$

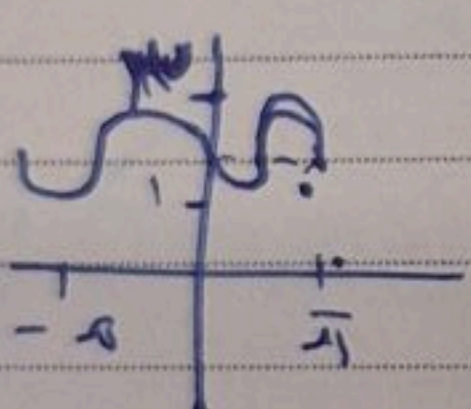
$$S\Delta = \sin \Delta \times \frac{1}{r} \times \epsilon b \times c = \frac{bc}{\epsilon}$$

$$c = \frac{\epsilon \sqrt{c^2 + \frac{\epsilon^2 - 144}{4}}}{r} \rightarrow \frac{bc}{\epsilon} = S \rightarrow S = \sqrt{c^2 \left(\frac{1}{\epsilon}\right)^2 + \sqrt{9 - \epsilon \left(\frac{1}{\epsilon}\right)^2}}$$

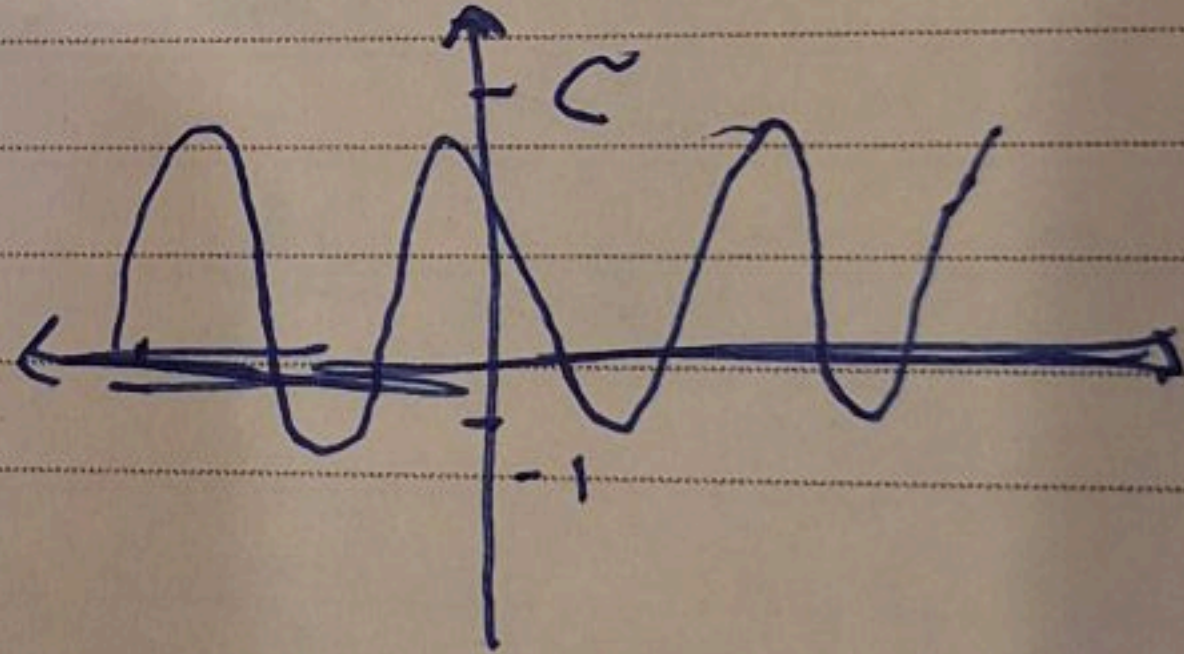
$$r_m^2 = m^2 + r^2 \sin^2(\alpha) (\cos^2 \alpha) \xrightarrow{q = \cos \alpha} \cos^2 \alpha (\cos^2 \alpha) + \sin^2 \alpha (\cos^2 \alpha)$$

$$\cos^2 \alpha = 1 \rightarrow \sin^2 \alpha = 0$$

$$f = -r \sin \alpha \cos \alpha \rightarrow r \sin \alpha \rightarrow \sin^2 \alpha + 1 \rightarrow T = 2\pi$$



$$r \sin \alpha = 1, T = 1$$

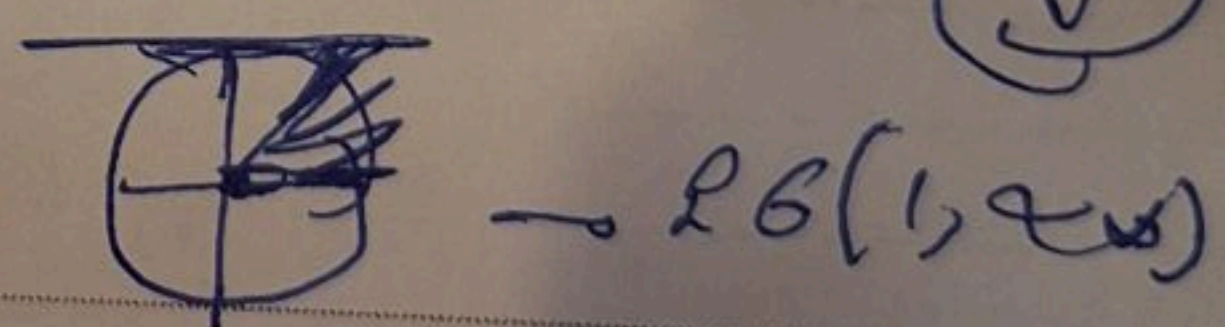


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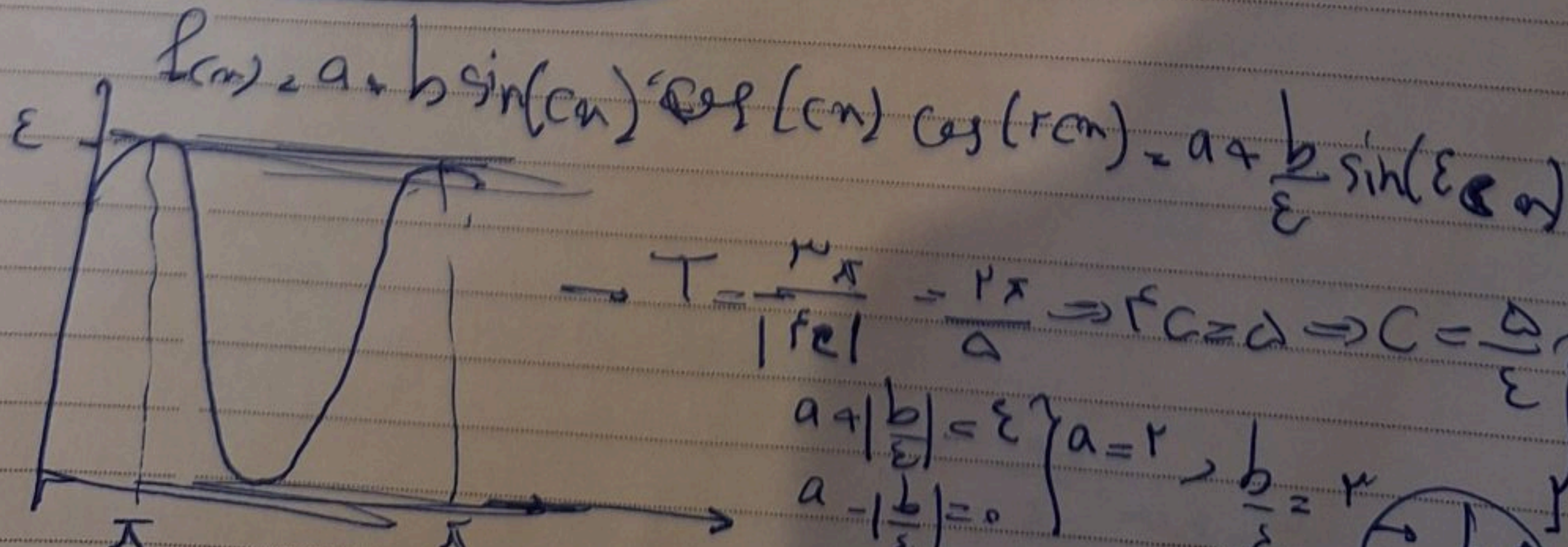
جمعه
تیر

27 June FRIDAY

$$f(m) = \sin m \quad 0 < m < \frac{\pi}{\epsilon}$$



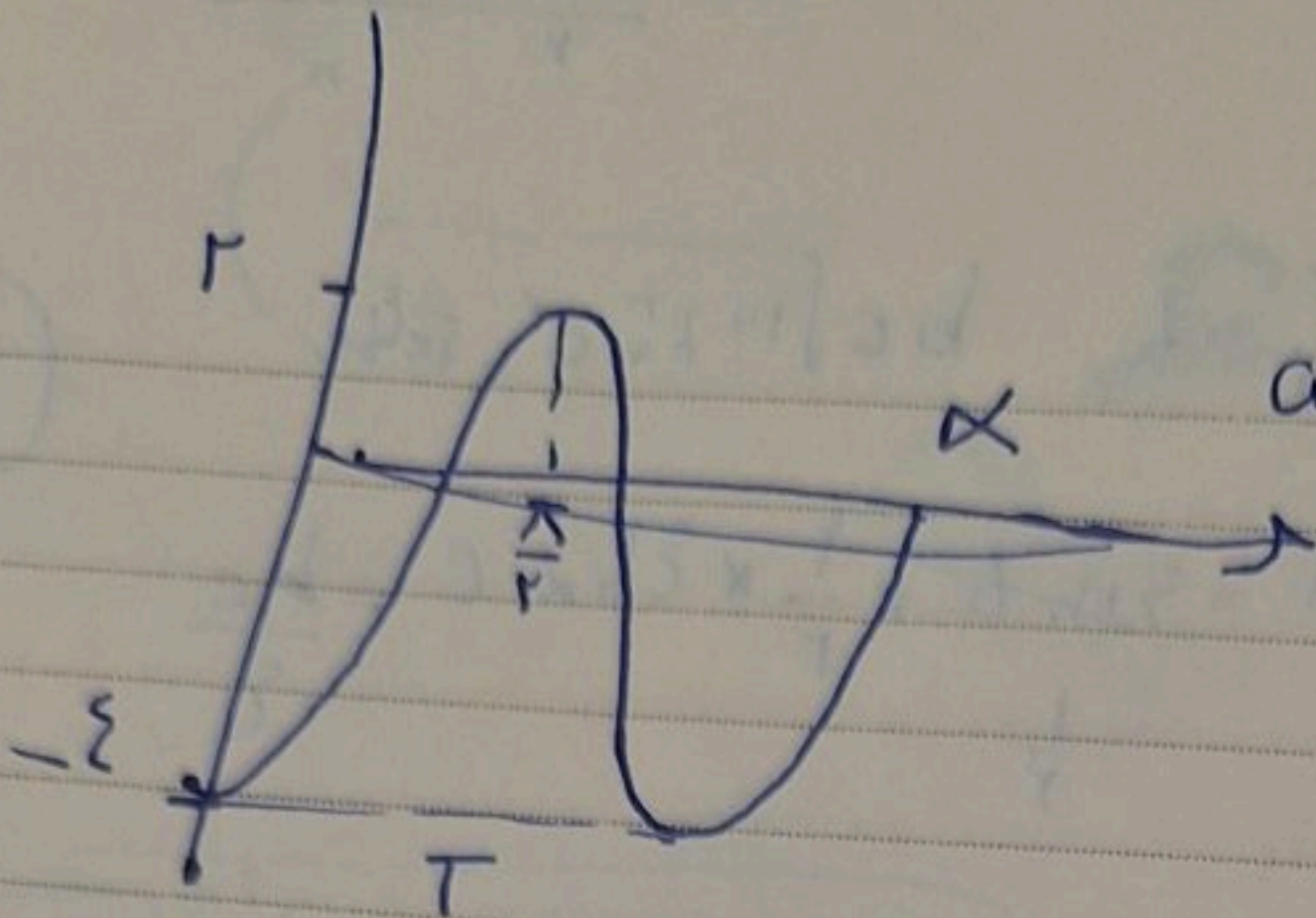
$$f(m) = a + b \sin(\epsilon m) \cos(r m) = a + \frac{b}{\epsilon} \sin(\epsilon m)$$



$$T = \frac{2\pi}{|f|} = \frac{2\pi}{a} \Rightarrow f = a \Rightarrow C = \frac{a}{\epsilon}$$

$$a + \frac{b}{\epsilon} = \epsilon \quad a - \frac{b}{\epsilon} = 0 \Rightarrow a = 2, b = 1$$

M	30	2	9	16	23
T		3	10	17	24
W		4	11	18	25
T		5	12	19	26
F		6	13	20	27
S		7	14	21	28
S	1	8	15	22	29



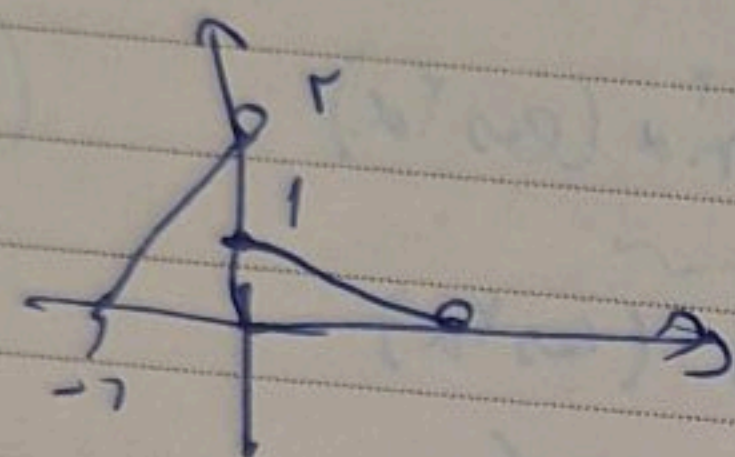
$$\begin{aligned} a + b + c &= 1 \quad | a + c = 1 \\ -a + b + c &= -2 \quad | -a + c = -2 \\ \hline c &= -1 \end{aligned}$$

$$|a| = 3 \rightarrow a = 3 \text{ or } a = -3$$

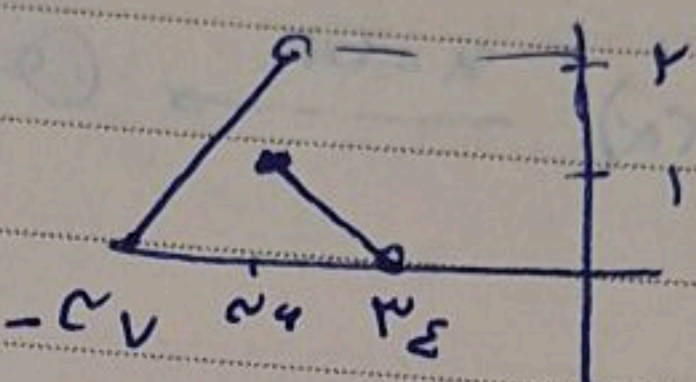
به طبق شکل $a = -3$

$$\tan \alpha = \frac{2}{1} \Rightarrow \tan \alpha = 2$$

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$$y = -\frac{1}{2}x + 1 \rightarrow x = \frac{2}{1} = 2$$



با توجه به شکل عرض
نقطه ۰، ۳ - برابر عرض
نقطه ۱، ۵ است.

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۹	۲۲	۱۵	۸	ی
۲۳	۱۶	۹	۲	د
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۲۵	۱۸	۱۱	۴	چ
۲۶	۱۹	۱۲	۵	پ
۲۷	۲۰	۱۳	۶	ج

با انفجار بمب به دست منافقان در
ام خمینی (ره) با انفجار بمب به دست منافقان در