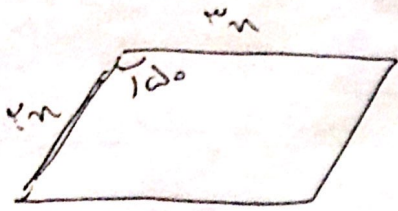


بسط (ب)



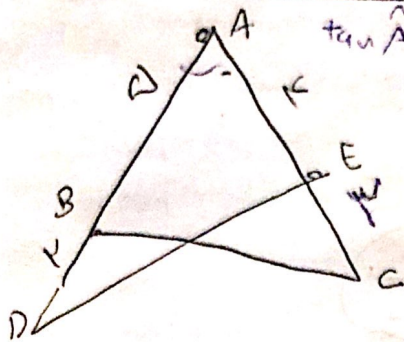
$$\frac{1}{r} \times m \cdot n \times \sin(\alpha) = \Delta K$$

$$\frac{1}{r} \times m \cdot n \times \frac{h}{r} = \Delta K$$

$$m \cdot n \cdot h = \Delta K \cdot r^2$$

$$m = \frac{\Delta K \cdot r^2}{n \cdot h}$$

$r_m + r_n \rightarrow \frac{10m}{410}$



$\tan \hat{A} = \frac{\sqrt{3}}{1}$

$|S_{ABC} - S_{ADE}| = \frac{1}{2} V \Delta$

$$\frac{1}{2} \times \sin \hat{A} \times \frac{1}{2} \times V = \frac{1}{2} \times \sin \hat{A} \times \frac{1}{2} \times V$$

$$\frac{1}{2} \times \sin \hat{A} (V) = \frac{1}{2} \times \frac{1}{2} \times V \times \frac{1}{2}$$

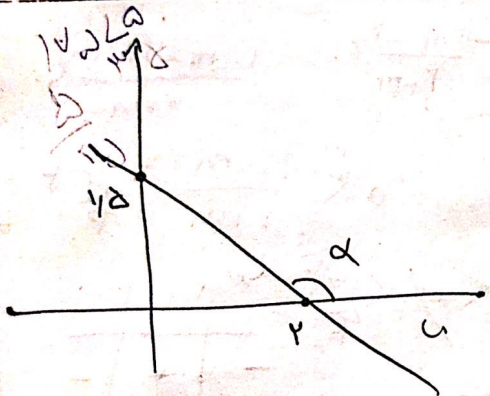
$$\sin \hat{A} = \frac{1}{2}$$

$$\cos \hat{A} = \frac{\sqrt{3}}{2}$$

$$\frac{1}{|\cos \alpha|} - \frac{\sin \alpha}{\cos \alpha} = \frac{1 + \sin \alpha}{|\cos \alpha|} \rightarrow \frac{-\sin \alpha}{|\cos \alpha|} = \frac{\sin \alpha}{\cos \alpha}$$

$$\frac{|\sin \alpha|}{|\cos \alpha|} = \frac{-\sin \alpha}{\cos \alpha} \rightarrow \sin \alpha < 0$$

نوبت



$\tan(\frac{\pi}{2} - \alpha) = \cot \alpha$

$$\frac{\cos \alpha}{\sin \alpha} = \frac{r}{10}$$

$\frac{r}{10} = \frac{r}{r} = \frac{r}{r} \leftarrow \tan \alpha \rightarrow \sin \alpha = \frac{r}{10} \cos \alpha$

$$\frac{r \cos(44^\circ) - r \sin(121^\circ)}{\sin(40^\circ) - \cos(44^\circ)}$$

$$\rightarrow \frac{r \cos(44^\circ) - r \sin(121^\circ)}{\sin(40^\circ) - \cos(44^\circ)}$$

$$= \frac{r \sin(44^\circ) - r \sin(121^\circ)}{-\sin(44^\circ) - \sin(121^\circ)}$$

$\frac{\Delta}{r} = \frac{\Delta}{-r}$

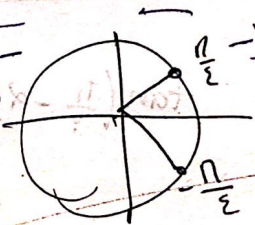
$\alpha$   
 $\sin \alpha < \dots$   
 $\cos \alpha = \frac{y}{r} \rightarrow \frac{r}{r} + \sin \alpha = 1 \rightarrow \frac{r}{r} = \dots$

$\cos \alpha + \sin(\pi - \alpha)$   
 $\sin(\frac{\pi}{r} + \alpha) + \sin(\pi - \alpha)$   
 $\frac{\sin \alpha}{\cos \alpha} = \dots$   
 $\frac{r}{r} - \frac{\sqrt{\Delta}}{r}$   
 $\frac{r - \sqrt{\Delta}}{r}$   
 $\frac{r - \sqrt{\Delta}}{r}$

$\sin \alpha = r \cos \alpha$   
 پاره‌ها  
 3/3/3

$\sin \alpha + \cos \alpha = 1 \rightarrow \cos \alpha = 1 - \sin \alpha$   
 $\cos \alpha = \frac{1}{\sqrt{\Delta}}$

9  
 $r m x + (m^r - 1) y = r$   
 $\frac{-r m x}{m^r - 1} \rightarrow \frac{-r m}{m^r - 1} = \sqrt{\mu}$   
 $\frac{r m^r}{m^r + 1 - r m^r} = \dots$   
 $r m^r = r m^r - 4 m^r + \dots$

$-\frac{\pi}{2} < x < \frac{\pi}{2}$   
 $P_f = [-1, 1]$   
 $\tan(\frac{\pi}{2} - n) = \frac{1 - m}{r + m}$   
 $\frac{\pi}{r} > \frac{\pi}{2} - \frac{\pi}{r} > \frac{\pi}{2}$   
 $+\frac{\pi}{r} > -n > \frac{\pi}{2}$   
  
 $\frac{1 - m - r}{r + m}$   
 $\frac{1 - m}{r + m} < \dots$   
 $\frac{r}{r}$

$-\sqrt{r} x = \frac{\sqrt{r}}{r}$   
 $\tan(\frac{\pi}{2}) \cos(\frac{\pi}{2}) + \tan(\frac{\pi}{2}) \sin(\frac{\pi}{2}) = 0$   
 $\frac{\sqrt{r}}{r} \times \frac{\sqrt{r}}{r} = \dots$   
 $\frac{1}{r}$

