$$Sino = \frac{1}{1} (0, 1)$$

$$COS = \frac{1}{1} (0, 1)$$

$$X = \frac{1}{1} COSO$$

$$(X, y)$$

$$Y = \frac{1}{1} Sino$$

$$(x, y)$$

$$(xcoso, Asino)$$

$$(COSO, Sino)$$

$$30^{\circ}, 60^{\circ}, 70^{\circ}$$

$$20^{\circ}, 70^{\circ}, 70^{\circ}, 70^{\circ}$$

$$20^{\circ}, 70^{\circ}, 70^{\circ}, 70^{\circ}$$

$$20^{\circ}, 70^{\circ}, 70^{\circ}, 70^{\circ}$$

$$20^{\circ}, 70^{\circ}, 70^{$$

$$\frac{t\sqrt{2}45}{5} = \frac{t}{4\sqrt{2}}$$

$$\frac{t\sqrt{2}45}{5} = \frac{t}{4\sqrt{2}}$$

$$\frac{t\sqrt{2}}{5} = \frac{t}{4\sqrt{2}} = \frac{t\sqrt{2}}{2} = \sin 45^{-3}$$

$$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$$

0 3 1 2 ( t)

DX ABC C=90° A=40° C=12

$$cos40^{\circ} = \frac{b}{12}$$
 $b = 12 cos40^{\circ}$ 

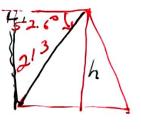
$$\sin 40^\circ = \frac{\alpha}{E_{=12}}$$

$$\alpha = 12 \sin 40^\circ$$

EX X?

1 35° D

 $51452.6° = \frac{h}{213}$   $h = 213 \sin 52.6°$ 



1 X A

 $h_{1} = \frac{50 \text{ fan 60° ban us°}}{\text{fan 60° - fan us°}}$   $= \frac{50 \sqrt{3'} \left(\frac{\sqrt{3'}}{2}\right)}{\sqrt{3} - \frac{\sqrt{2}}{2}}$   $= \frac{50 \sqrt{6'}}{2\sqrt{3'} - \sqrt{2}}$   $= \frac{50 \sqrt{6'}}{2\sqrt{3'} - \sqrt{2}}$   $= \frac{50 \sqrt{6'}}{2\sqrt{3'} - \sqrt{2}}$ 

 $tan 13^{\circ} = \frac{y}{x} \rightarrow y = x tan 13^{\circ}$   $tan 18^{\circ} = \frac{y}{35-x} \Rightarrow y = (25-x)tan 19^{\circ}$   $x tan 13^{\circ} = 25 tan 19^{\circ} - x tan 18^{\circ}$   $x (tan 13^{\circ} + tan 19^{\circ}) = 25 tan 19^{\circ}$   $x = \frac{25 tan 19^{\circ}}{tan 13^{\circ} + tan 19^{\circ}}$   $y = \frac{25 tan 19^{\circ}}{tan 13^{\circ} + tan 19^{\circ}}$   $x = \frac{25 tan 19^{\circ}}{tan 13^{\circ} + tan 19^{\circ}}$