

WED 2-6-08

P. 39 BACK

TURN IN

P. 39 A

1-11

⑥ $\frac{135}{4}\sqrt{7} = 89.2941$

⑧ NO SMOOTH Δ

⑩ $12\sqrt{5} = 26.8328$

⑮ 2 Δ s $C_I = 47^\circ 31'$; $A_I = 97^\circ 29'$; $a_I = 2.1001$
 $C_{II} = 132^\circ 29'$; $A_{II} = 12^\circ 31'$; $a_{II} = 2.6446$

⑰ NO Δ EXISTS

⑳ 1 Δ ONLY $H = 59^\circ 56'$; $I = 33^\circ 4'$; $j = 8.1945$

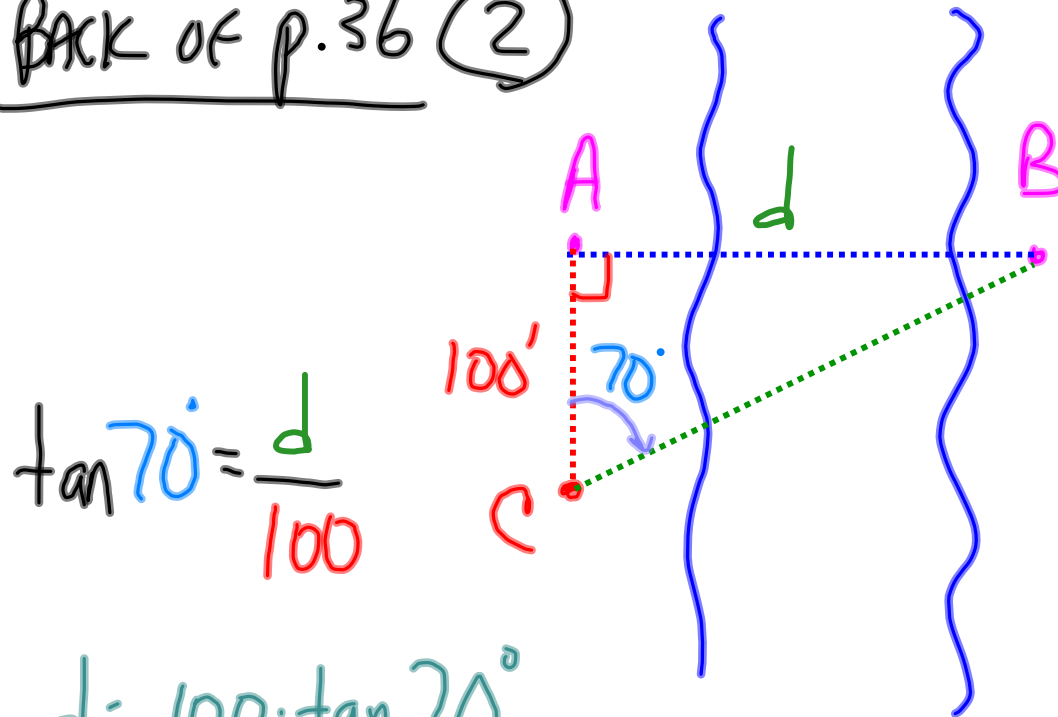
㉑ NO Δ EXISTS

㉒ 2 Δ s
 $R_I = 63^\circ 56'$; $S_I = 60^\circ 44'$; $A_I = 24.1844$
 $R_{II} = 116^\circ 4'$; $S_{II} = 8^\circ 36'$; $A_{II} = 4.149$

APPLICATION PROBLEMS - HOW CAN WE ACTUALLY
USE THIS STUFF?

INDIRECT MEASUREMENT

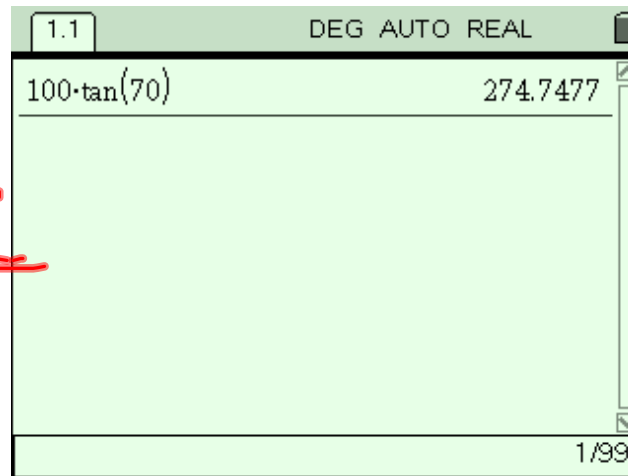
BACK OF p.36 (2)

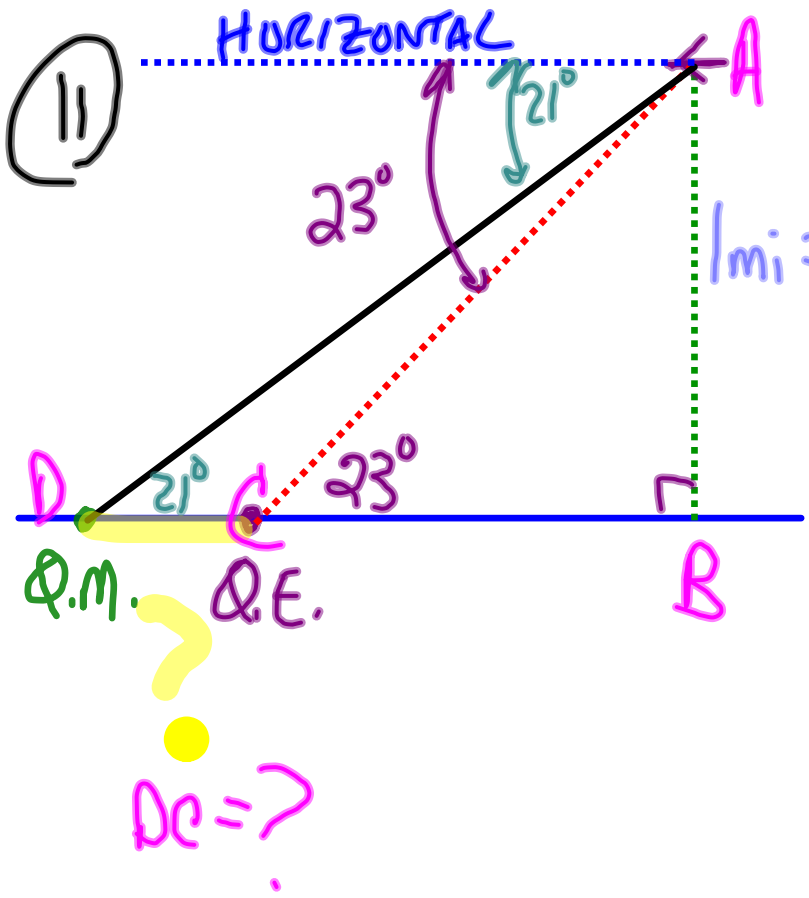


$$\tan 70^\circ = \frac{d}{100}$$

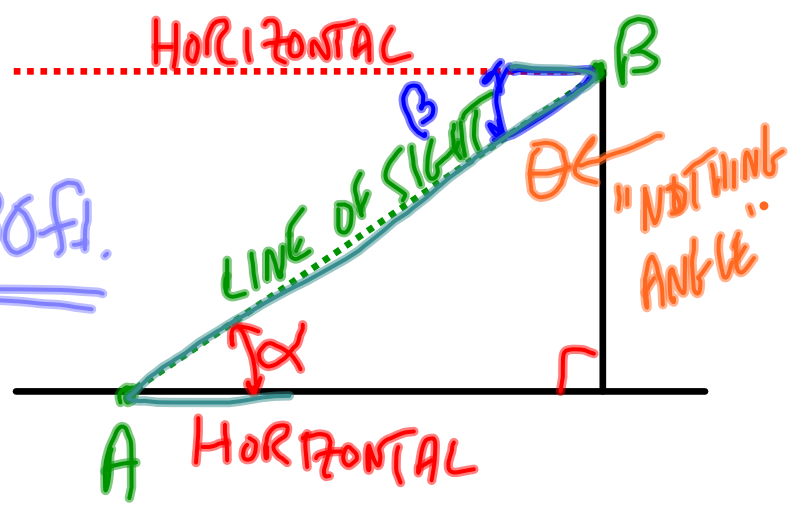
$$d = 100 \cdot \tan 70^\circ$$

$$d = 274.7477 \text{ ft.}$$





$l_{mi} = \underline{\underline{5280\text{ft.}}}$



$\alpha = \text{ANGLE OF ELEVATION}$

$\beta = \text{ANGLE OF DEPRESSION}$

$\alpha = \beta$ ALT. INTLS

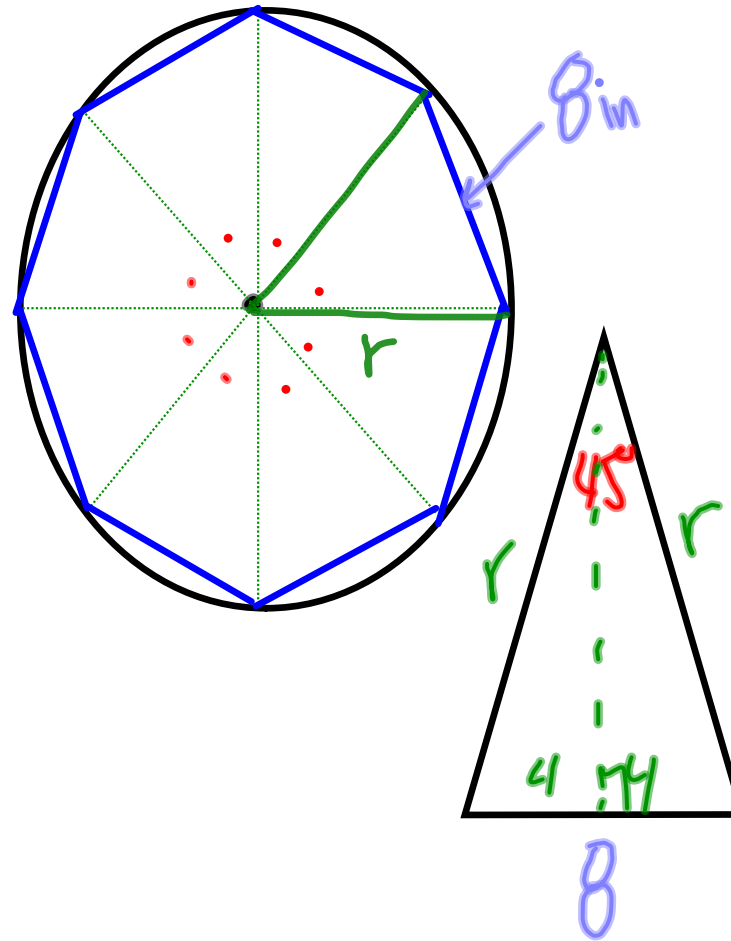
5

REGULAR

- ALL SIDES =

- ALL \angle s =

$$\frac{360}{8} = 45^\circ$$



O.T.L.
* CORRECT TODAY'S O.T.L.

• P. 36 (BACK) 1-11 (ALL)

• P. 39 (BACK) 14, 23