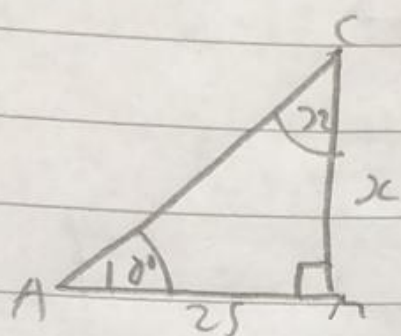
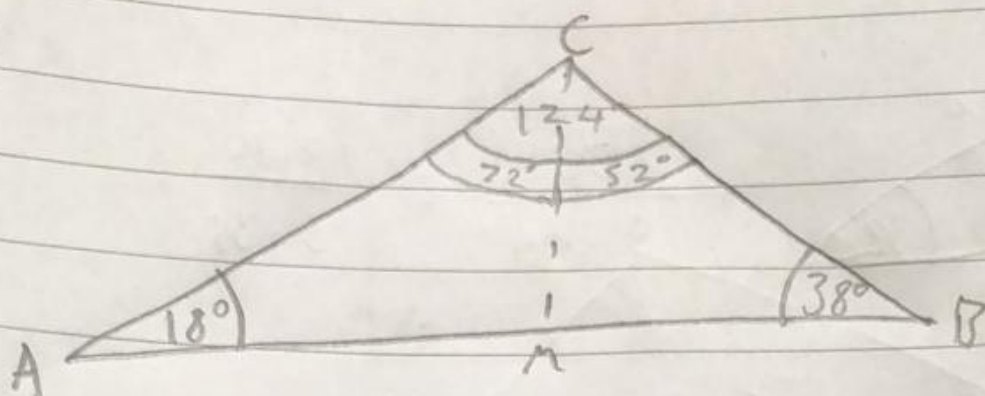


e)



$$\sin(18) = \frac{8.12}{AC}$$

$$AC = \frac{8.12}{\sin(18)}$$

$$\tan(18) = x/25$$

$$AC \approx 28.66 \text{ miles}$$

$$x = 25 \times \tan(18)$$

$$x = 8.18$$

