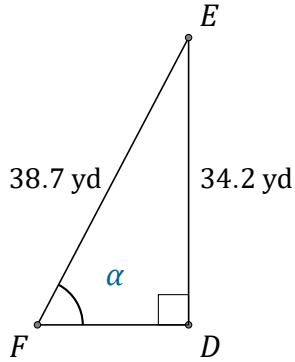


Sine Ratio (J)

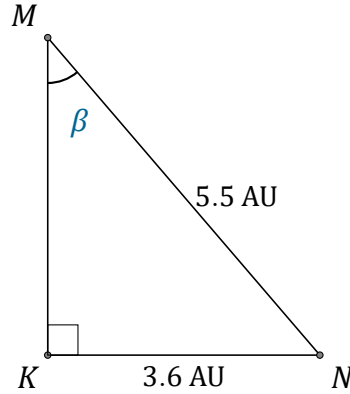
Name: _____

Date: _____

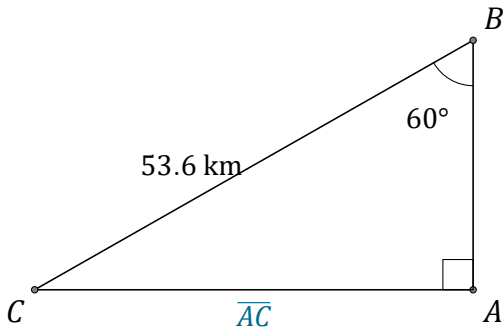
Calculate the angle and side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



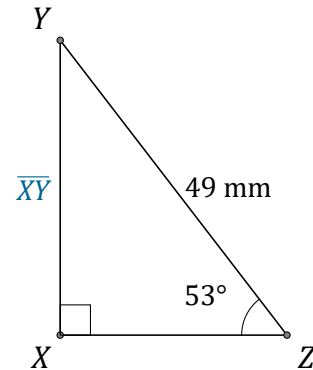
$\alpha = \angle DFE =$ _____



$\beta = \angle KMN =$ _____



$\overline{AC} =$ _____



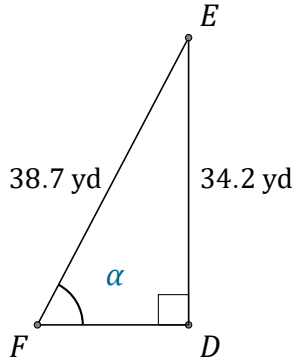
$\overline{XY} =$ _____

Sine Ratio (J) Answers

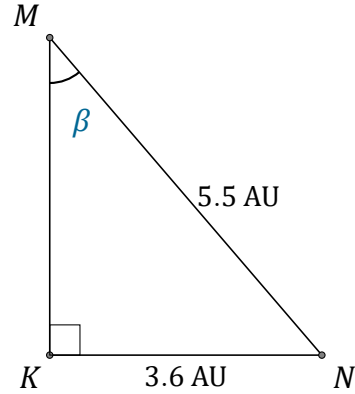
Name: _____

Date: _____

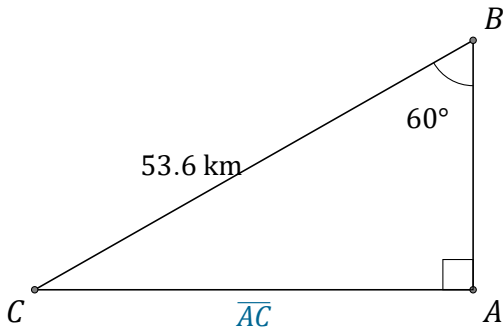
Calculate the angle and side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



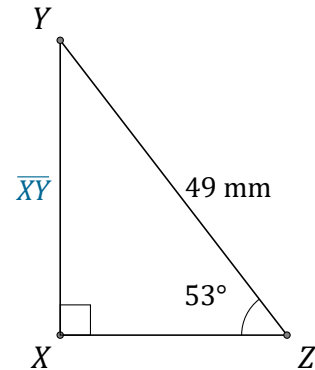
$$\alpha = \angle DFE = \underline{62.1^\circ}$$



$$\beta = \angle KMN = \underline{40.9^\circ}$$



$$\overline{AC} = \underline{46.4 \text{ km}}$$



$$\overline{XY} = \underline{39.1 \text{ mm}}$$