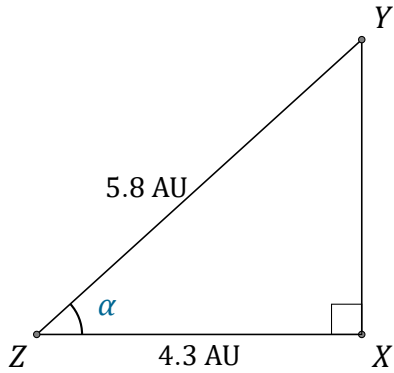


Cosine Ratio (D)

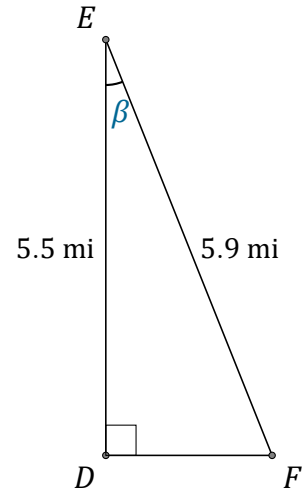
Name: _____

Date: _____

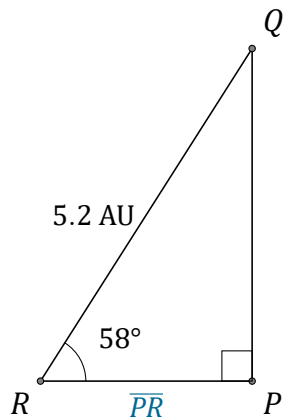
Calculate the angle and side values using the cosine ratio: $\cos(\alpha) = \frac{A}{H}$



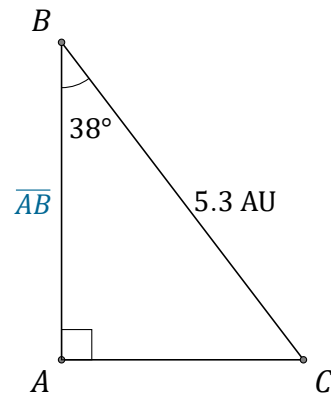
$$\alpha = \angle XZY = \underline{\hspace{2cm}}$$



$$\beta = \angle DEF = \underline{\hspace{2cm}}$$



$$\overline{PR} = \underline{\hspace{2cm}}$$



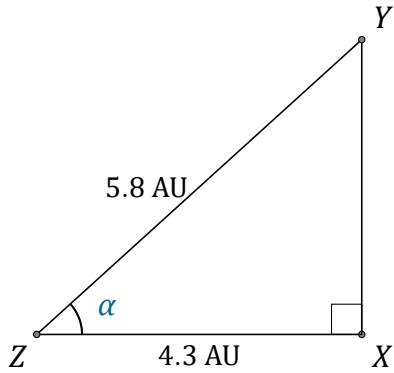
$$\overline{AB} = \underline{\hspace{2cm}}$$

Cosine Ratio (D) Answers

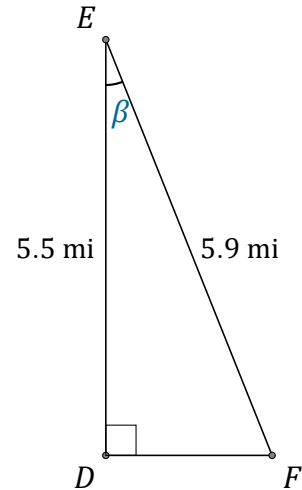
Name: _____

Date: _____

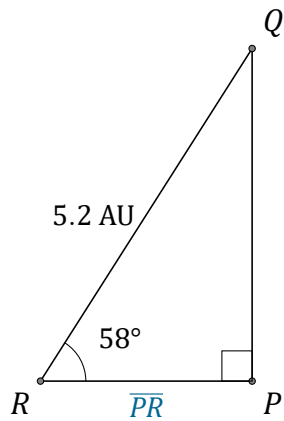
Calculate the angle and side values using the cosine ratio: $\cos(\alpha) = \frac{A}{H}$



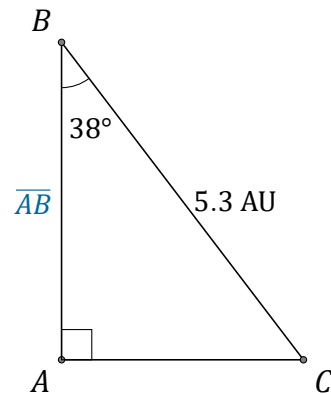
$$\alpha = \angle XZY = \underline{42.2^\circ}$$



$$\beta = \angle DEF = \underline{21.2^\circ}$$



$$\overline{PR} = \underline{2.8 \text{ AU}}$$



$$\overline{AB} = \underline{4.2 \text{ AU}}$$