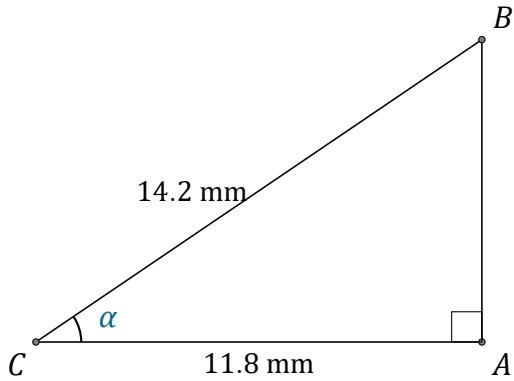


Cosine Ratio (B)

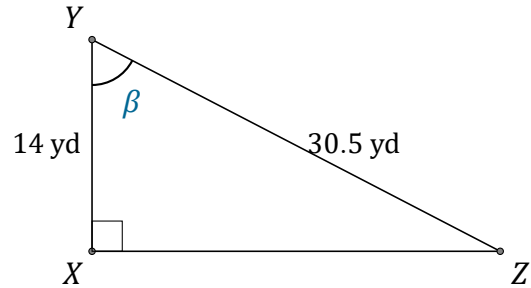
Name: _____

Date: _____

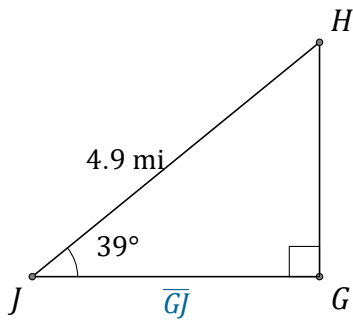
Calculate the angle and side values using the cosine ratio: $\cos(\alpha) = \frac{A}{H}$



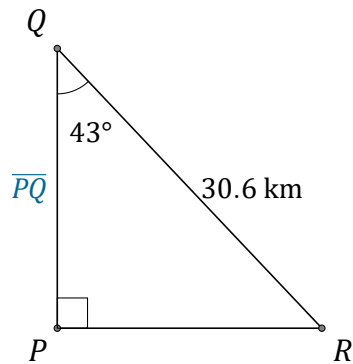
$\alpha = \angle ACB =$ _____



$\beta = \angle XYZ =$ _____



$\overline{GJ} =$ _____



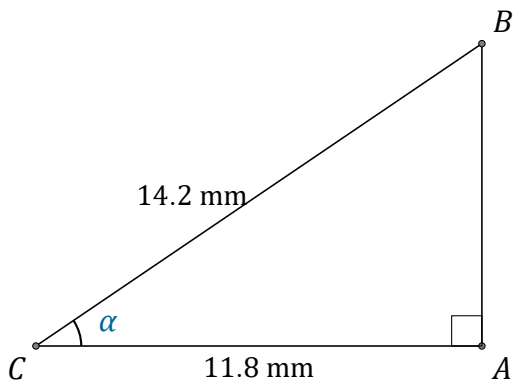
$\overline{PQ} =$ _____

Cosine Ratio (B) Answers

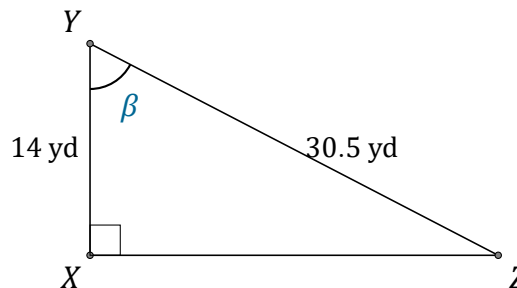
Name: _____

Date: _____

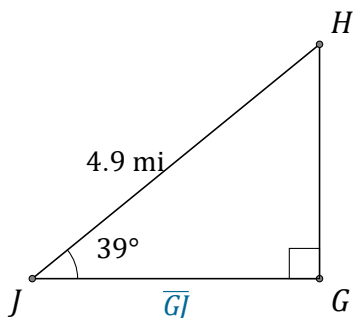
Calculate the angle and side values using the cosine ratio: $\cos(\alpha) = \frac{A}{H}$



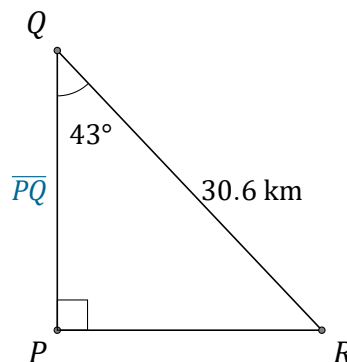
$$\alpha = \angle ACB = \underline{33.8^\circ}$$



$$\beta = \angle XYZ = \underline{62.7^\circ}$$



$$\overline{GJ} = \underline{3.8 \text{ mi}}$$



$$\overline{PQ} = \underline{22.4 \text{ km}}$$