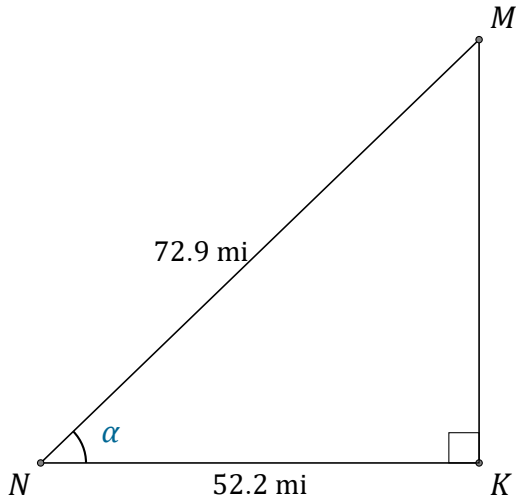


# Cosine Ratio (A)

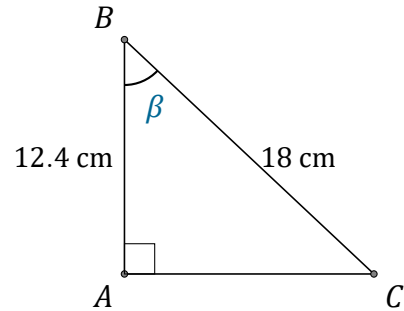
Name: \_\_\_\_\_

Date: \_\_\_\_\_

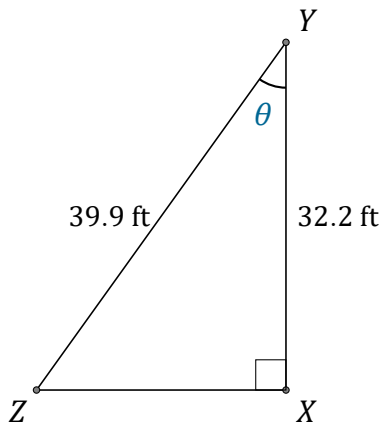
Calculate the angle values using the cosine ratio:  $\cos(\alpha) = \frac{A}{H}$



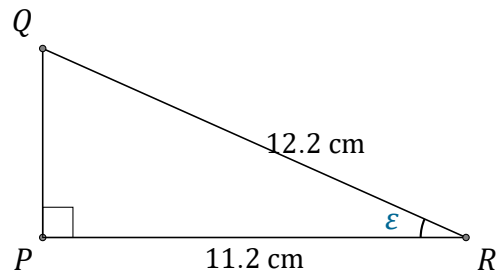
$$\alpha = \angle KNM = \underline{\hspace{2cm}}$$



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



$$\theta = \angle XYZ = \underline{\hspace{2cm}}$$



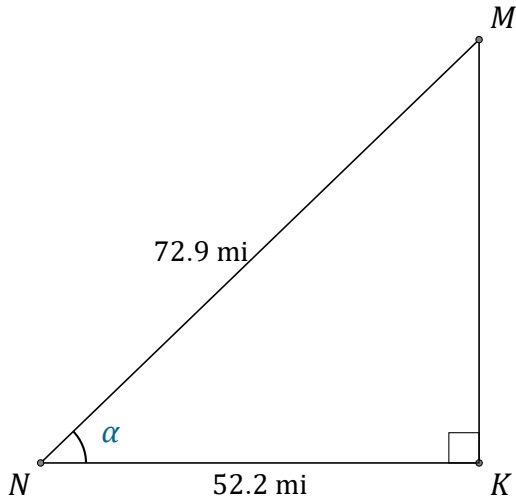
$$\epsilon = \angle PRQ = \underline{\hspace{2cm}}$$

# Cosine Ratio (A) Answers

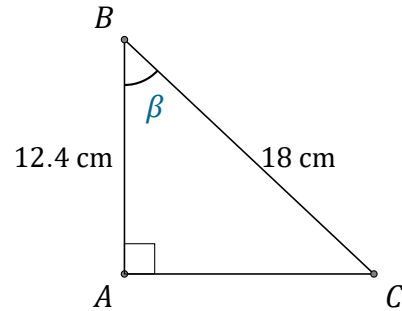
Name: \_\_\_\_\_

Date: \_\_\_\_\_

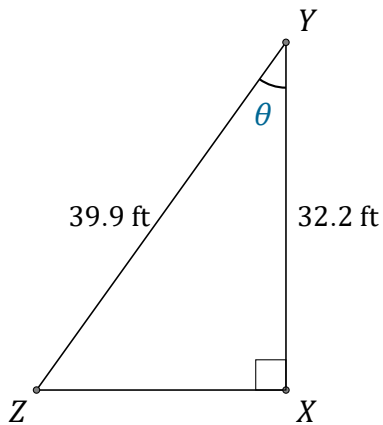
Calculate the angle values using the cosine ratio:  $\cos(\alpha) = \frac{A}{H}$



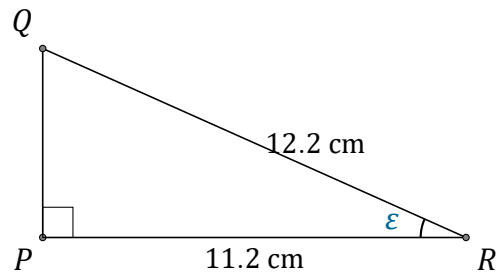
$$\alpha = \angle KNM = \underline{44.3^\circ}$$



$$\beta = \angle ABC = \underline{46.5^\circ}$$



$$\theta = \angle XYZ = \underline{36.2^\circ}$$



$$\epsilon = \angle PRQ = \underline{23.4^\circ}$$