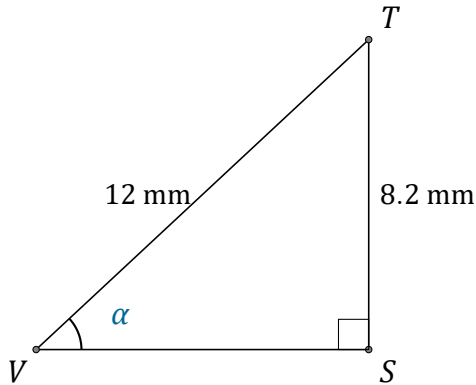


Sine Ratio (A)

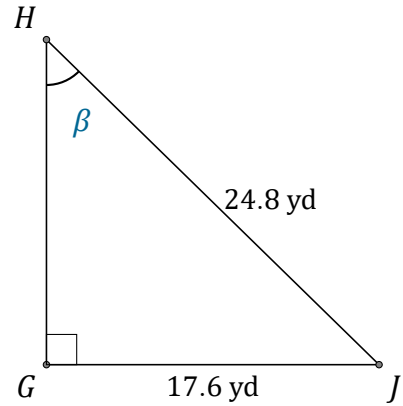
Name: _____

Date: _____

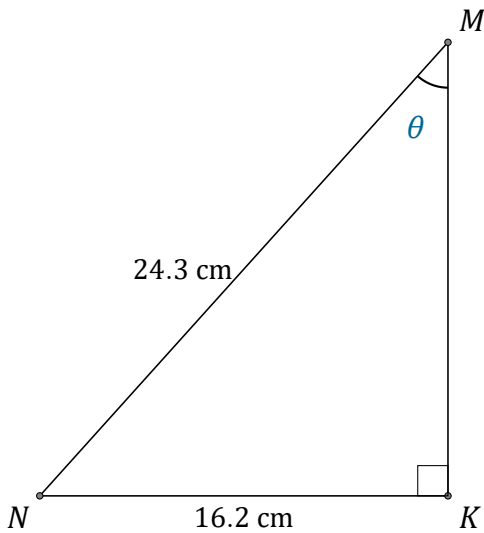
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



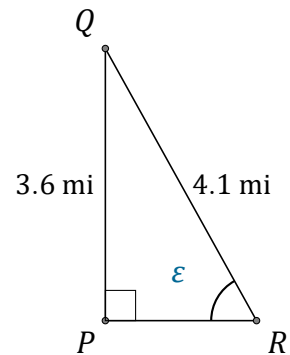
$$\alpha = \angle SVT = \underline{\hspace{2cm}}$$



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



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



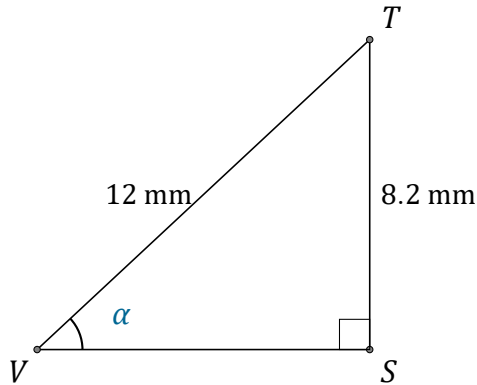
$$\epsilon = \angle PRQ = \underline{\hspace{2cm}}$$

Sine Ratio (A) Answers

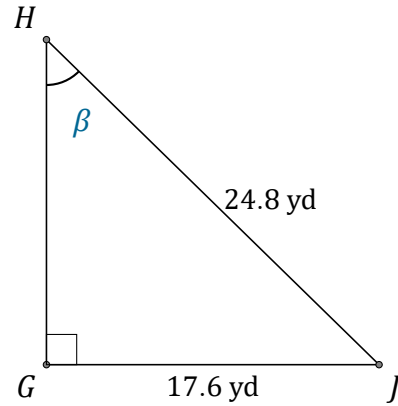
Name: _____

Date: _____

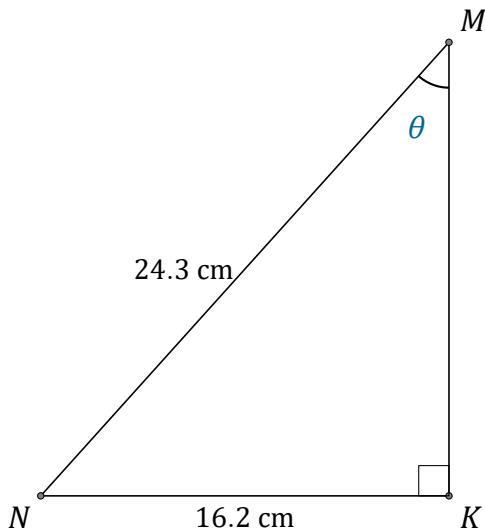
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



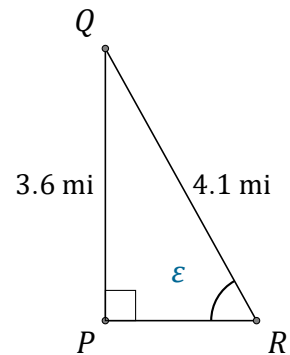
$$\alpha = \angle SVT = \underline{43.1^\circ}$$



$$\beta = \angle GHJ = \underline{45.2^\circ}$$



$$\theta = \angle KMN = \underline{41.8^\circ}$$



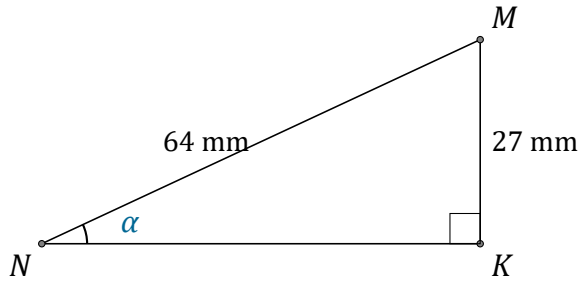
$$\epsilon = \angle PRQ = \underline{61.4^\circ}$$

Sine Ratio (B)

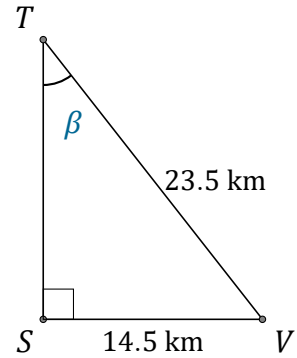
Name: _____

Date: _____

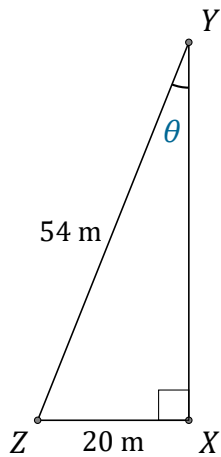
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



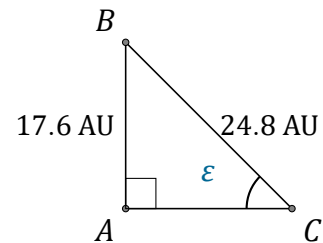
$$\alpha = \angle KNM = \underline{\hspace{2cm}}$$



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



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



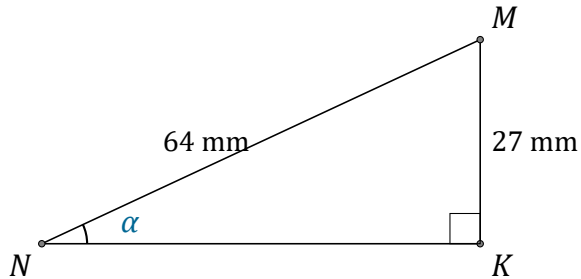
$$\epsilon = \angle ACB = \underline{\hspace{2cm}}$$

Sine Ratio (B) Answers

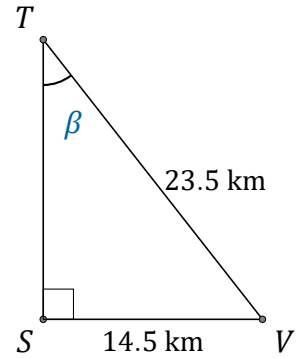
Name: _____

Date: _____

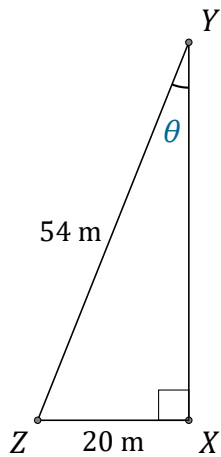
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



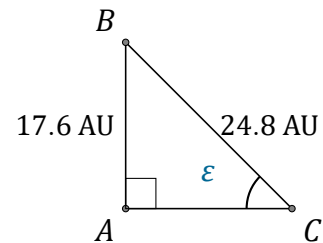
$$\alpha = \angle KNM = \underline{25^\circ}$$



$$\beta = \angle STV = \underline{38.1^\circ}$$



$$\theta = \angle XYZ = \underline{21.7^\circ}$$



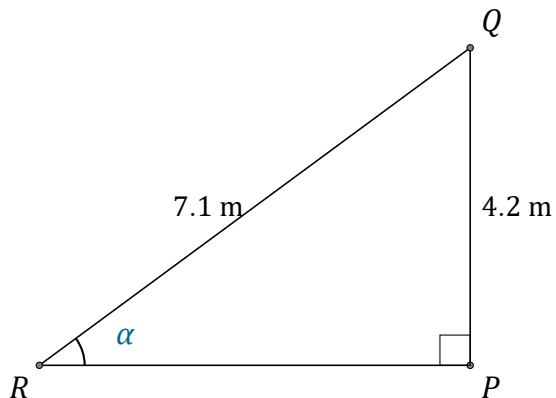
$$\epsilon = \angle ACB = \underline{45.2^\circ}$$

Sine Ratio (C)

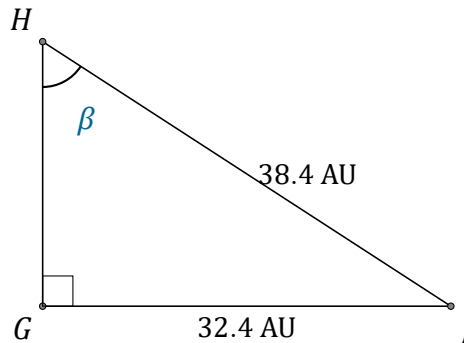
Name: _____

Date: _____

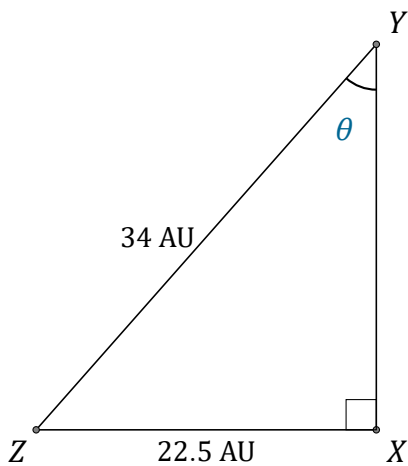
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



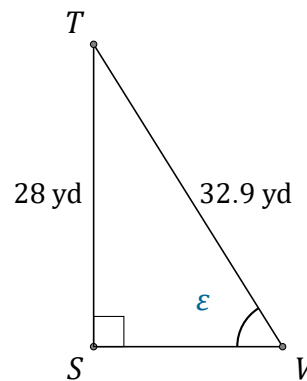
$\alpha = \angle PRQ = \underline{\hspace{2cm}}$



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



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



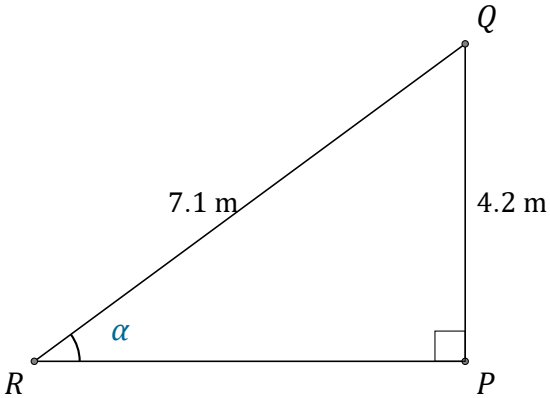
$\epsilon = \angle SVT = \underline{\hspace{2cm}}$

Sine Ratio (C) Answers

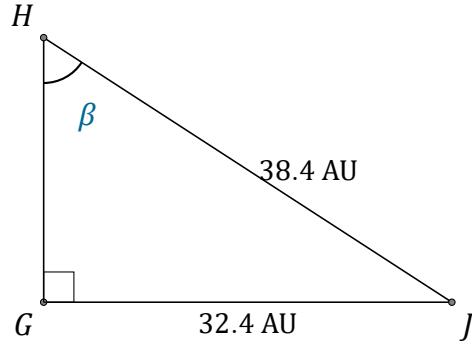
Name: _____

Date: _____

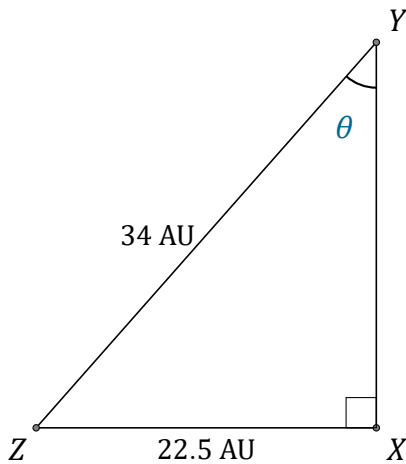
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



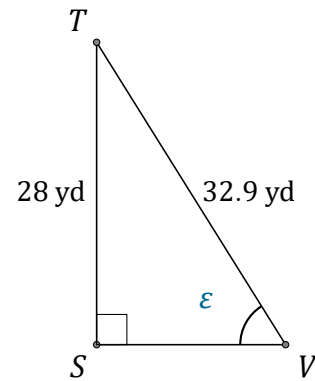
$$\alpha = \angle PRQ = \underline{36.3^\circ}$$



$$\beta = \angle GHJ = \underline{57.5^\circ}$$



$$\theta = \angle XYZ = \underline{41.4^\circ}$$



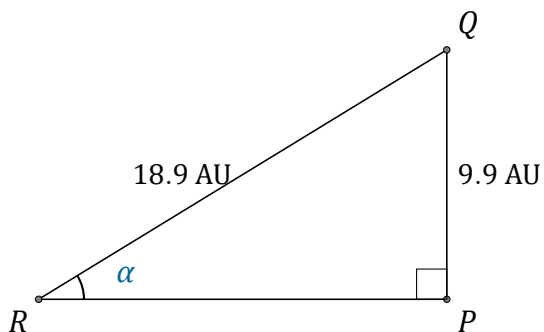
$$\epsilon = \angle SVT = \underline{58.3^\circ}$$

Sine Ratio (D)

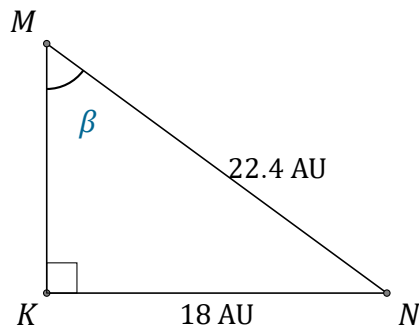
Name: _____

Date: _____

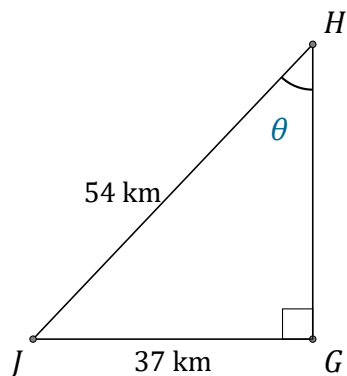
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



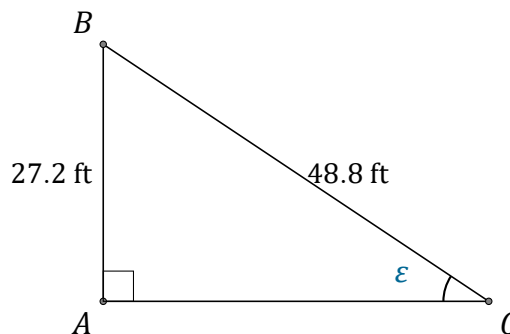
$\alpha = \angle PRQ =$ _____



$\beta = \angle KMN =$ _____



$\theta = \angle GHJ =$ _____



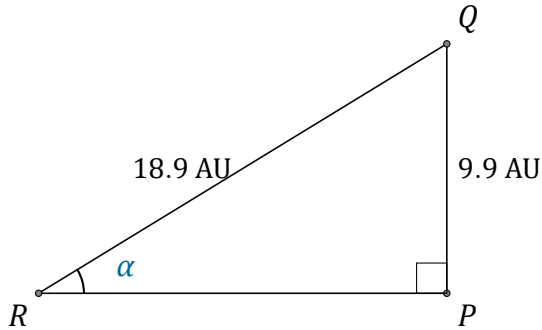
$\epsilon = \angle ACB =$ _____

Sine Ratio (D) Answers

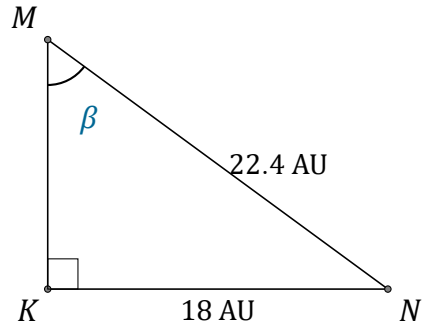
Name: _____

Date: _____

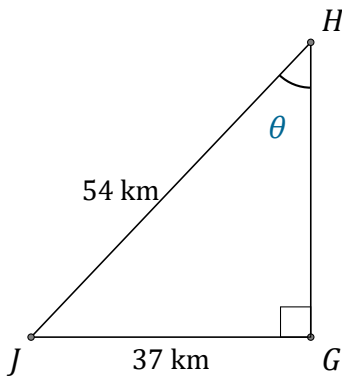
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



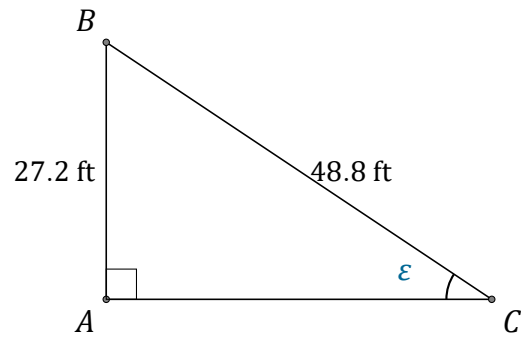
$$\alpha = \angle PRQ = \underline{31.6^\circ}$$



$$\beta = \angle KMN = \underline{53.5^\circ}$$



$$\theta = \angle GHJ = \underline{43.3^\circ}$$



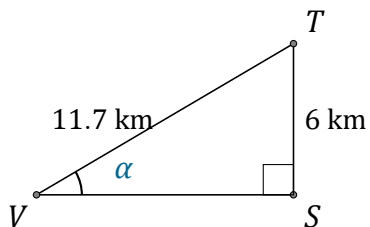
$$\epsilon = \angle ACB = \underline{33.9^\circ}$$

Sine Ratio (E)

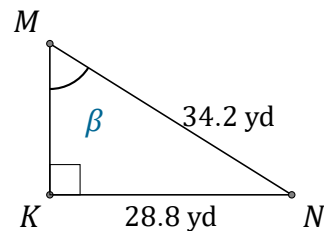
Name: _____

Date: _____

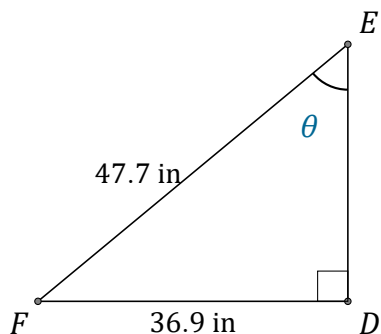
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



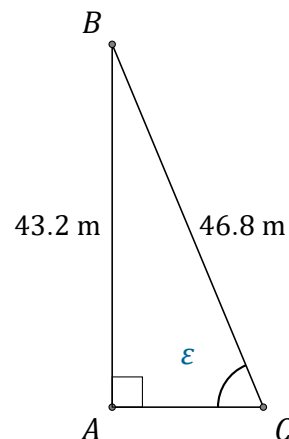
$$\alpha = \angle SVT = \underline{\hspace{2cm}}$$



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



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



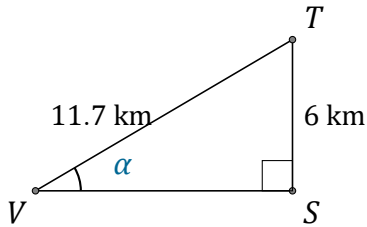
$$\varepsilon = \angle ACB = \underline{\hspace{2cm}}$$

Sine Ratio (E) Answers

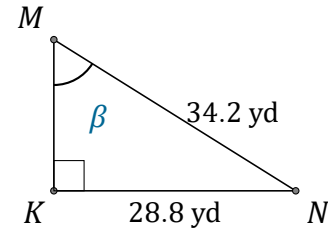
Name: _____

Date: _____

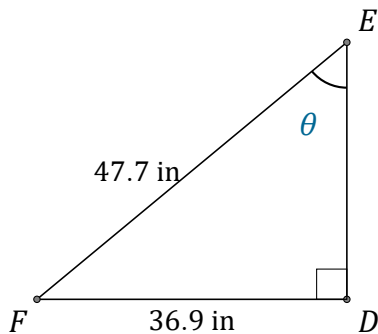
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



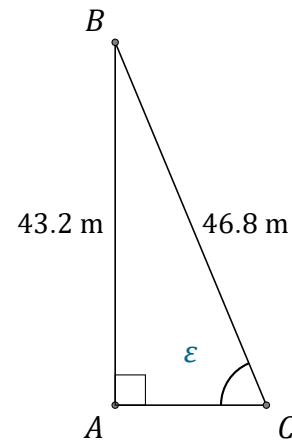
$$\alpha = \angle SVT = \underline{30.9^\circ}$$



$$\beta = \angle KMN = \underline{57.4^\circ}$$



$$\theta = \angle DEF = \underline{50.7^\circ}$$



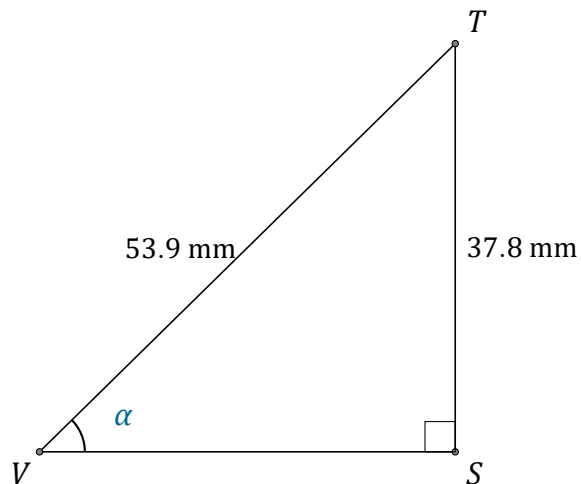
$$\epsilon = \angle ACB = \underline{67.4^\circ}$$

Sine Ratio (F)

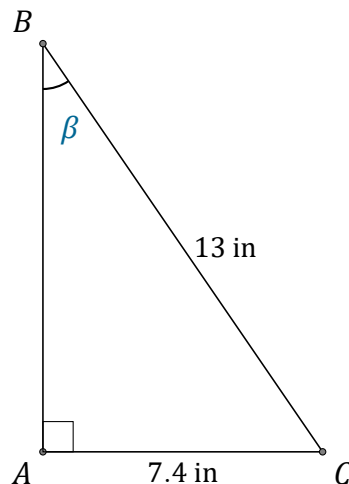
Name: _____

Date: _____

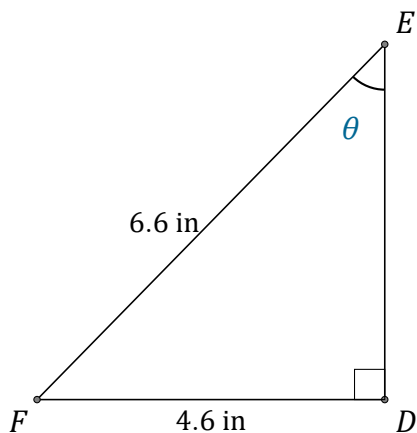
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



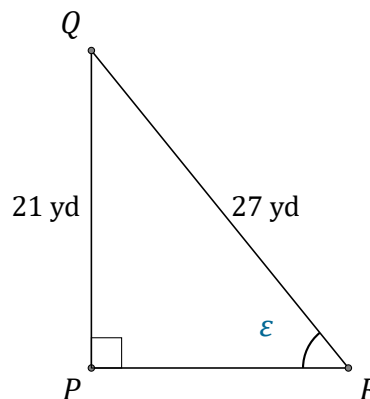
$$\alpha = \angle SVT = \underline{\hspace{2cm}}$$



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



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



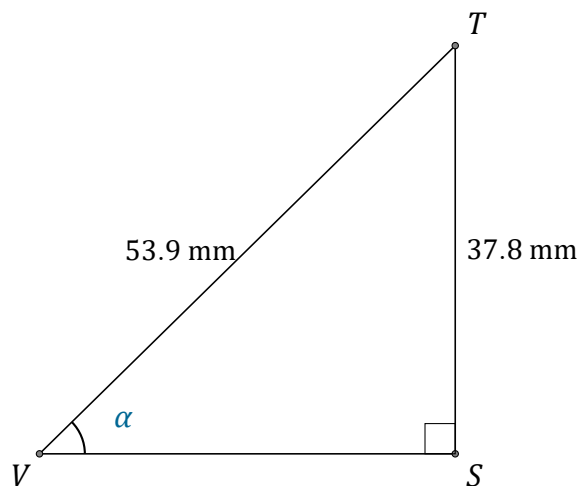
$$\epsilon = \angle PRQ = \underline{\hspace{2cm}}$$

Sine Ratio (F) Answers

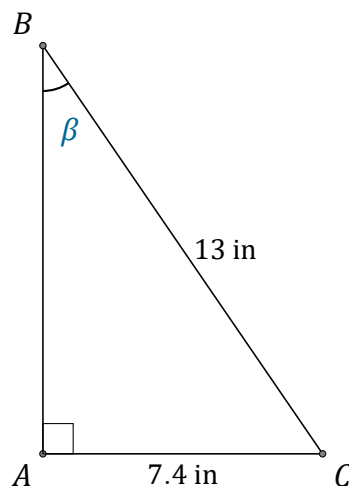
Name: _____

Date: _____

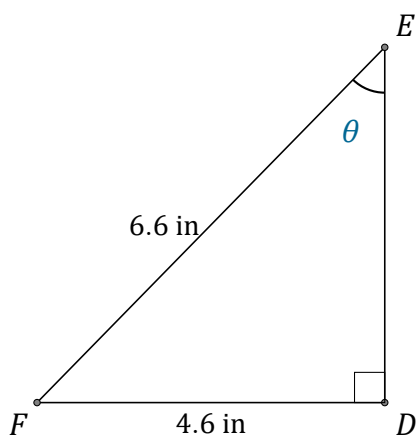
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



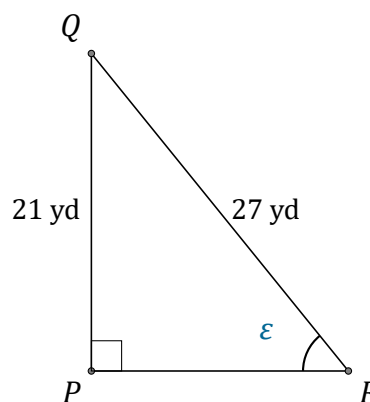
$$\alpha = \angle SVT = \underline{44.5^\circ}$$



$$\beta = \angle ABC = \underline{34.7^\circ}$$



$$\theta = \angle DEF = \underline{44.2^\circ}$$



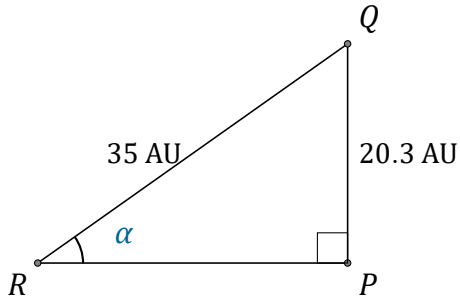
$$\epsilon = \angle PRQ = \underline{51.1^\circ}$$

Sine Ratio (G)

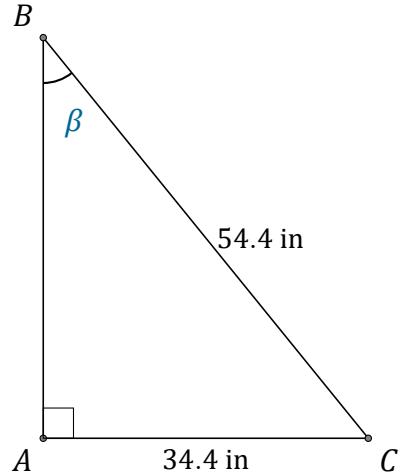
Name: _____

Date: _____

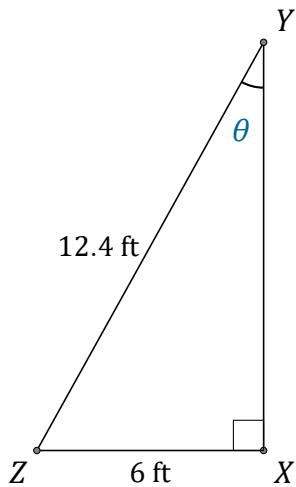
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



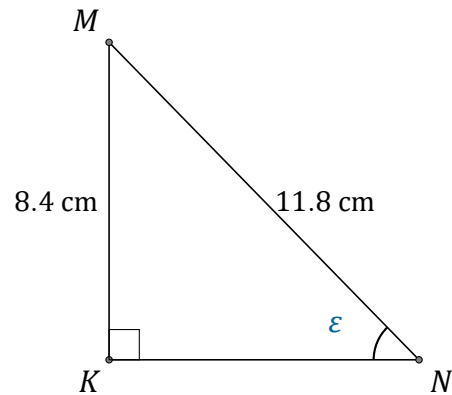
$$\alpha = \angle PRQ = \underline{\hspace{2cm}}$$



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



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



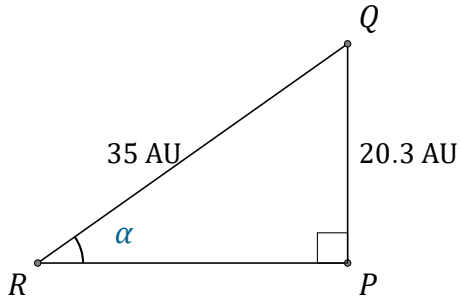
$$\epsilon = \angle KNM = \underline{\hspace{2cm}}$$

Sine Ratio (G) Answers

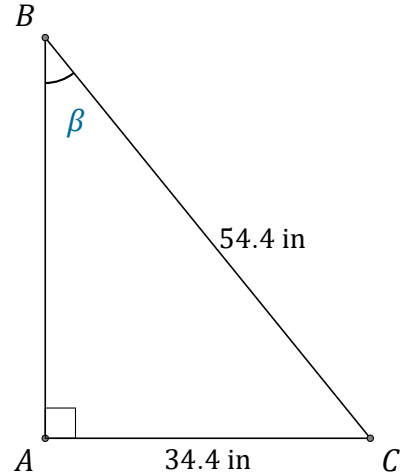
Name: _____

Date: _____

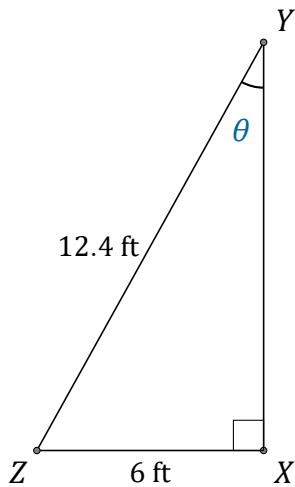
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



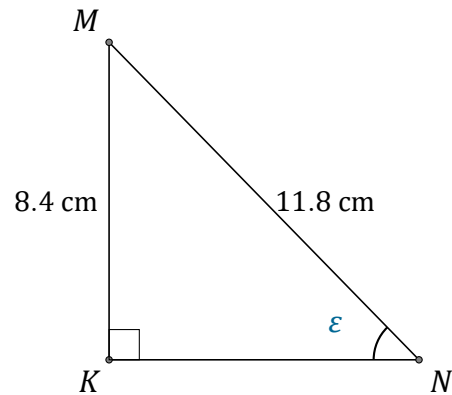
$$\alpha = \angle PRQ = \underline{35.5^\circ}$$



$$\beta = \angle ABC = \underline{39.2^\circ}$$



$$\theta = \angle XYZ = \underline{28.9^\circ}$$



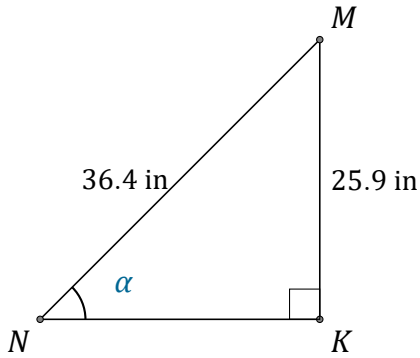
$$\epsilon = \angle KNM = \underline{45.4^\circ}$$

Sine Ratio (H)

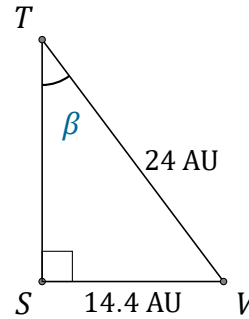
Name: _____

Date: _____

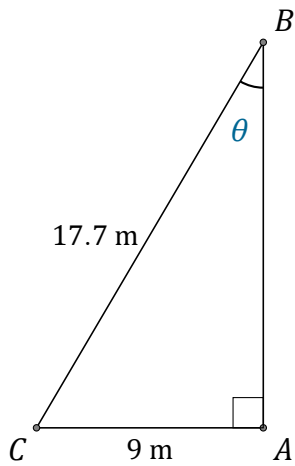
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



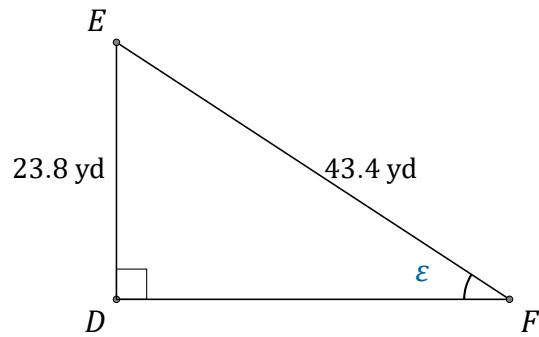
$\alpha = \angle KNM =$ _____



$\beta = \angle STV =$ _____



$\theta = \angle ABC =$ _____



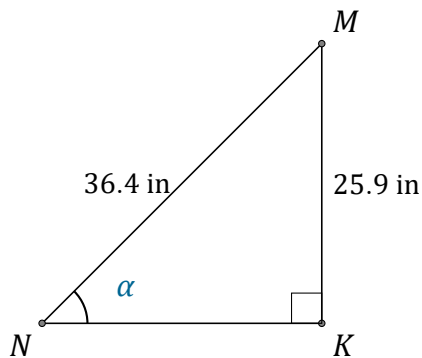
$\epsilon = \angle DFE =$ _____

Sine Ratio (H) Answers

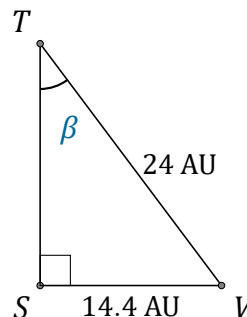
Name: _____

Date: _____

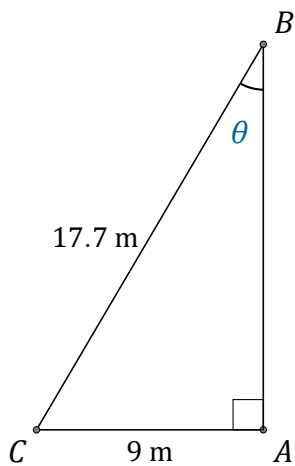
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



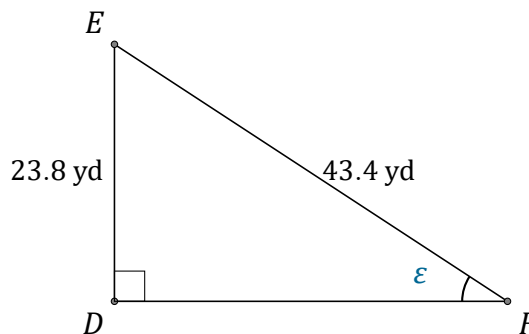
$$\alpha = \angle KNM = \underline{45.4^\circ}$$



$$\beta = \angle STV = \underline{36.9^\circ}$$



$$\theta = \angle ABC = \underline{30.6^\circ}$$



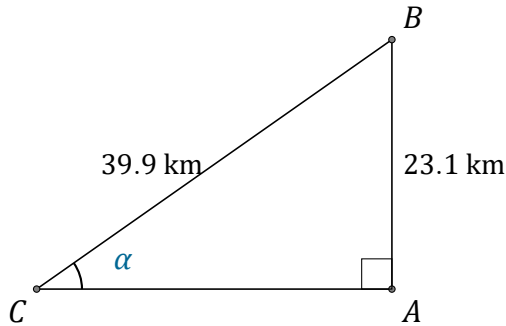
$$\epsilon = \angle DFE = \underline{33.3^\circ}$$

Sine Ratio (I)

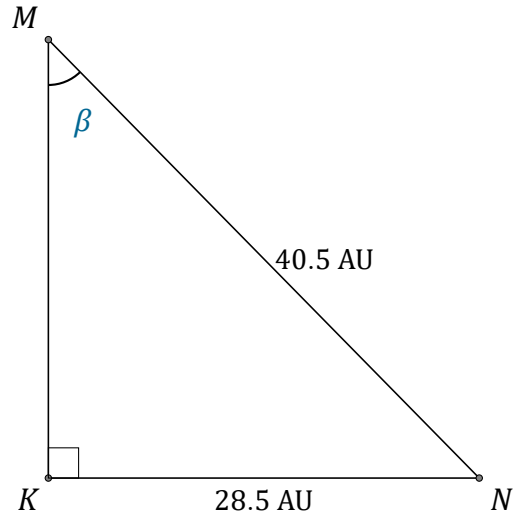
Name: _____

Date: _____

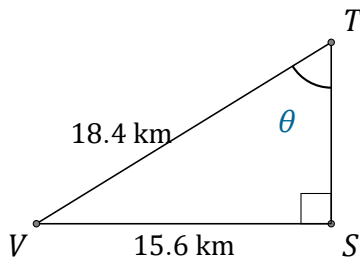
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



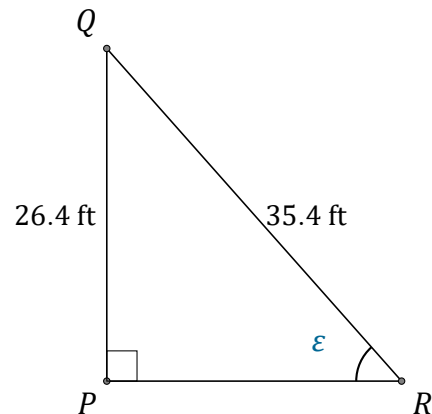
$$\alpha = \angle ACB = \underline{\hspace{2cm}}$$



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



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



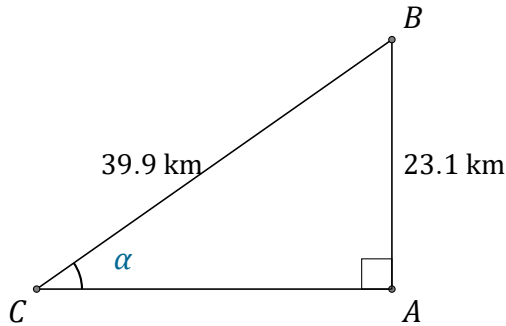
$$\epsilon = \angle PRQ = \underline{\hspace{2cm}}$$

Sine Ratio (I) Answers

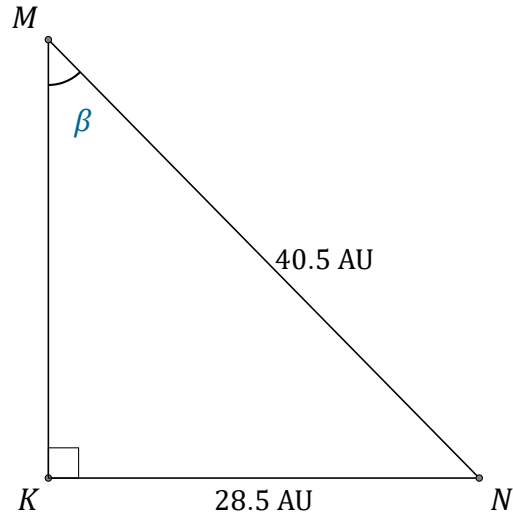
Name: _____

Date: _____

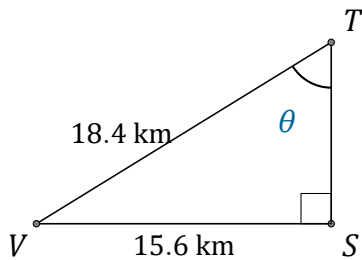
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



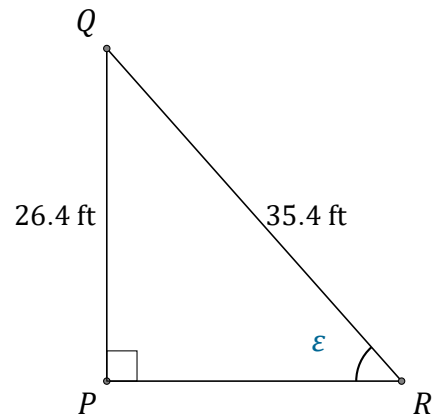
$$\alpha = \angle ACB = \underline{35.4^\circ}$$



$$\beta = \angle KMN = \underline{44.7^\circ}$$



$$\theta = \angle STV = \underline{58^\circ}$$



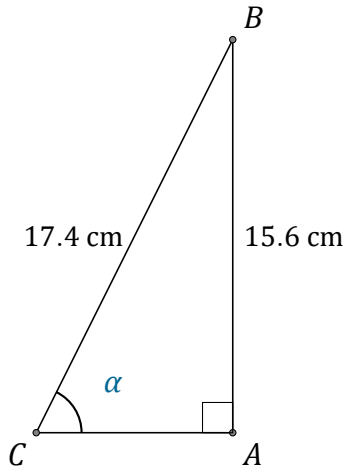
$$\epsilon = \angle PRQ = \underline{48.2^\circ}$$

Sine Ratio (J)

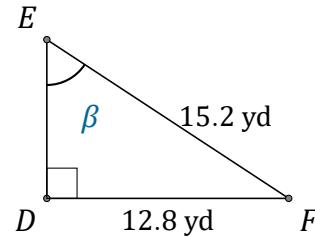
Name: _____

Date: _____

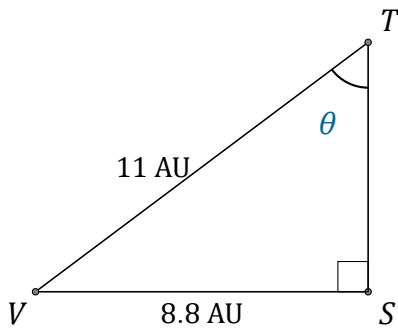
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



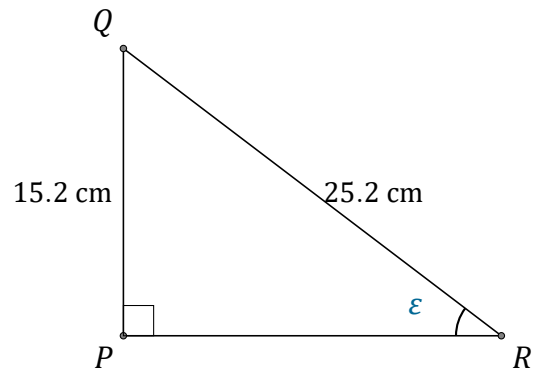
$$\alpha = \angle ACB = \underline{\hspace{2cm}}$$



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



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



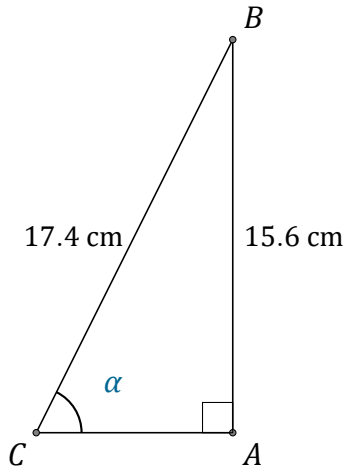
$$\epsilon = \angle PRQ = \underline{\hspace{2cm}}$$

Sine Ratio (J) Answers

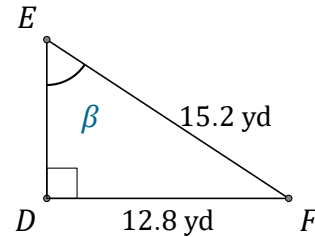
Name: _____

Date: _____

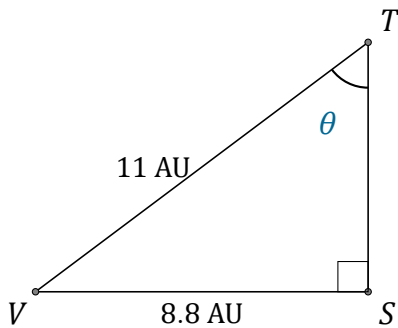
Calculate the angle values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



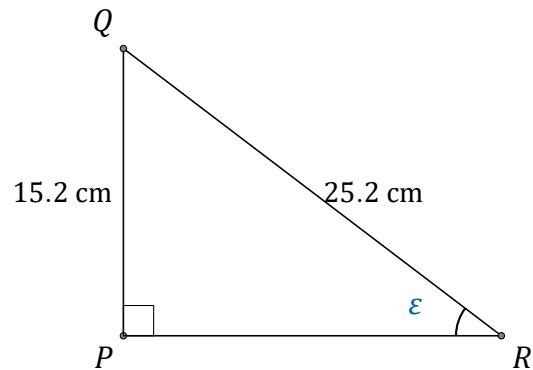
$$\alpha = \angle ACB = \underline{63.7^\circ}$$



$$\beta = \angle DEF = \underline{57.4^\circ}$$



$$\theta = \angle STV = \underline{53.1^\circ}$$



$$\epsilon = \angle PRQ = \underline{37.1^\circ}$$