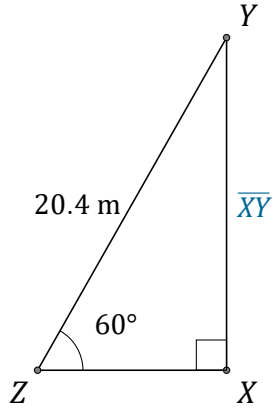


Sine Ratio (A)

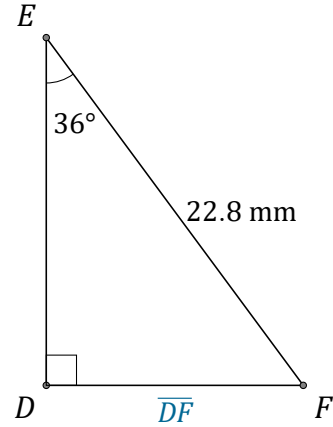
Name: _____

Date: _____

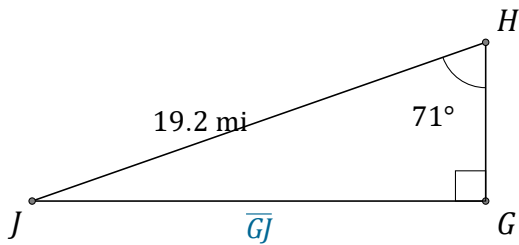
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



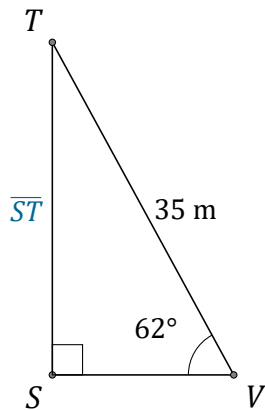
$\overline{XY} =$ _____



$\overline{DF} =$ _____



$\overline{GJ} =$ _____



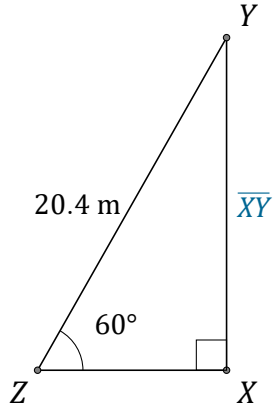
$\overline{ST} =$ _____

Sine Ratio (A) Answers

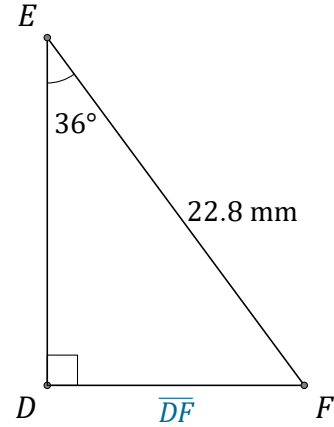
Name: _____

Date: _____

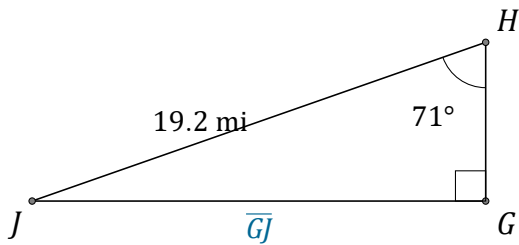
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



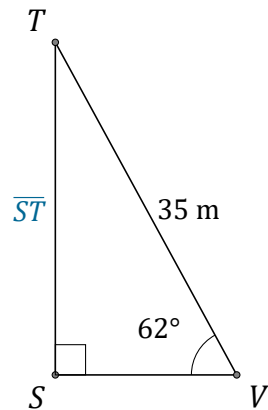
$\overline{XY} = \underline{17.7 \text{ m}}$



$\overline{DF} = \underline{13.4 \text{ mm}}$



$\overline{GJ} = \underline{18.2 \text{ mi}}$



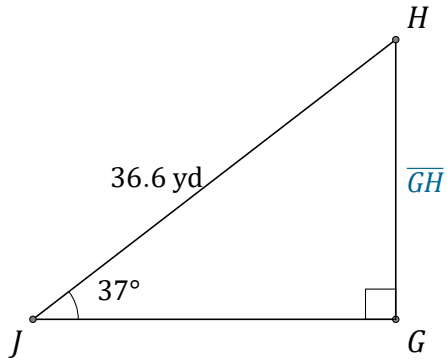
$\overline{ST} = \underline{30.9 \text{ m}}$

Sine Ratio (B)

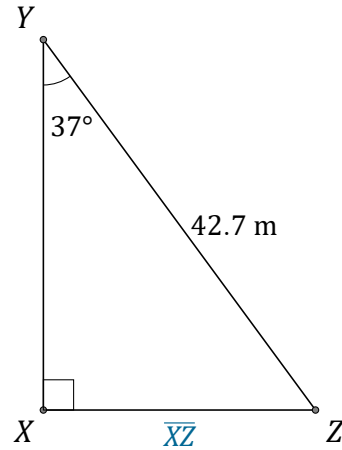
Name: _____

Date: _____

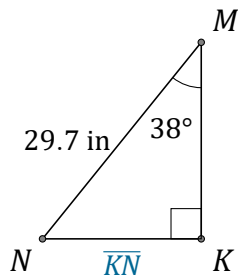
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



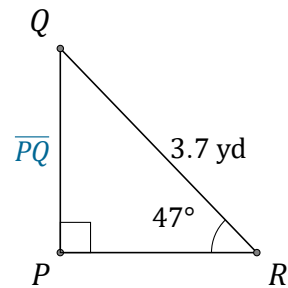
$\overline{GH} =$ _____



$\overline{XZ} =$ _____



$\overline{KN} =$ _____



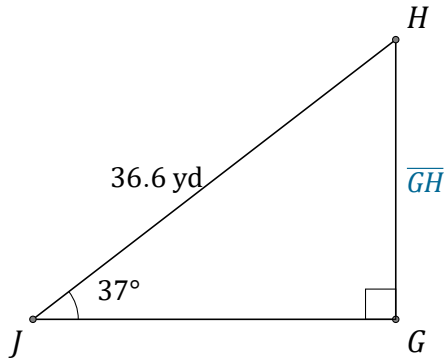
$\overline{PQ} =$ _____

Sine Ratio (B) Answers

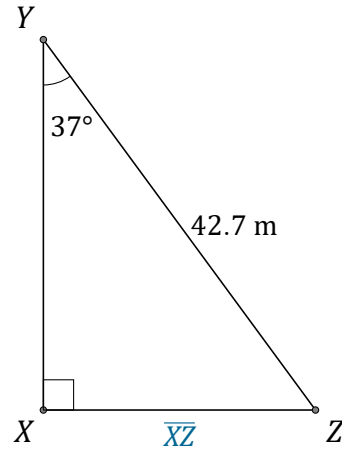
Name: _____

Date: _____

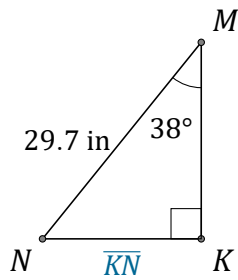
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



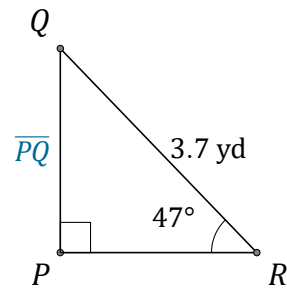
$$\overline{GH} = \underline{22 \text{ yd}}$$



$$\overline{XZ} = \underline{25.7 \text{ m}}$$



$$\overline{KN} = \underline{18.3 \text{ in}}$$



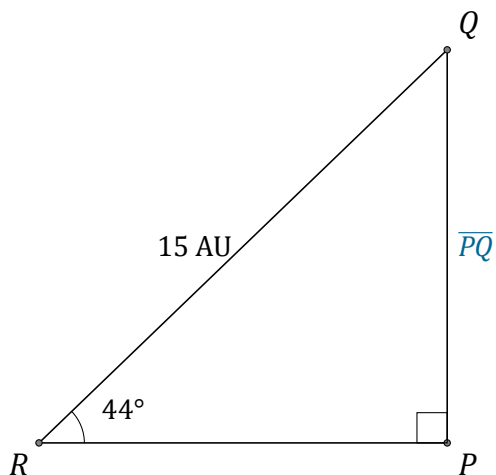
$$\overline{PQ} = \underline{2.7 \text{ yd}}$$

Sine Ratio (C)

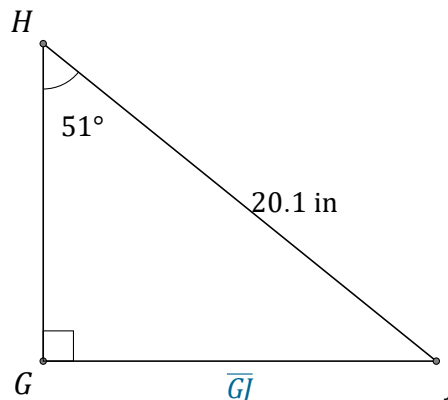
Name: _____

Date: _____

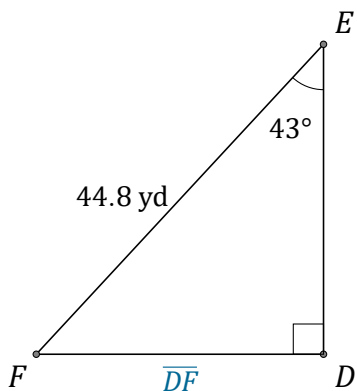
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



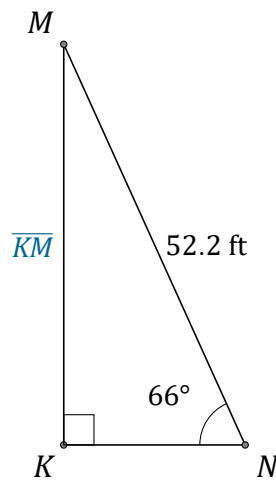
$\overline{PQ} = \underline{\hspace{2cm}}$



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



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



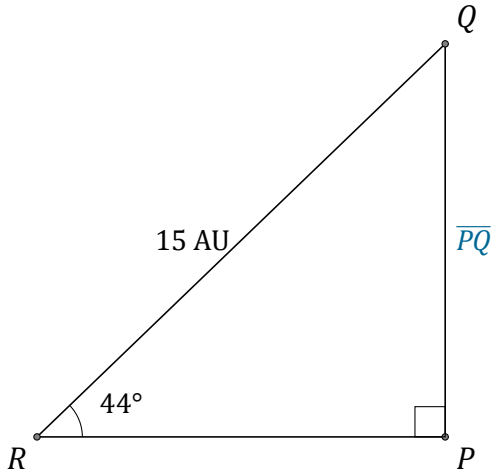
$\overline{KM} = \underline{\hspace{2cm}}$

Sine Ratio (C) Answers

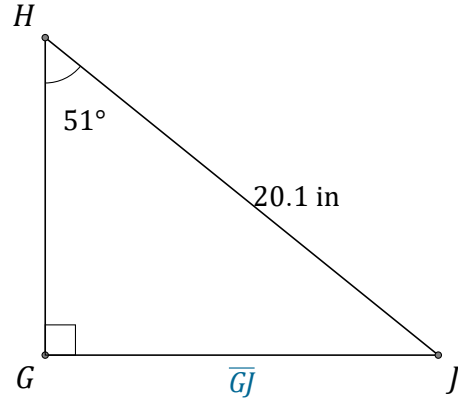
Name: _____

Date: _____

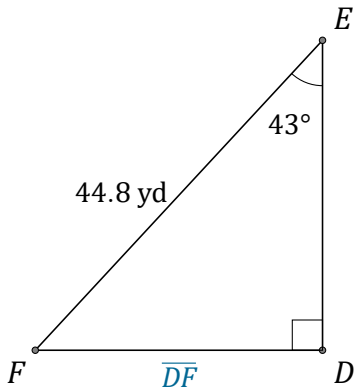
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



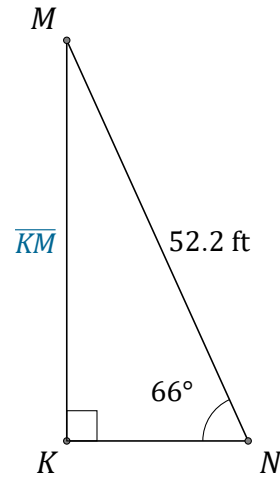
$\overline{PQ} = \underline{10.4 \text{ AU}}$



$\overline{GJ} = \underline{15.6 \text{ in}}$



$\overline{DF} = \underline{30.6 \text{ yd}}$



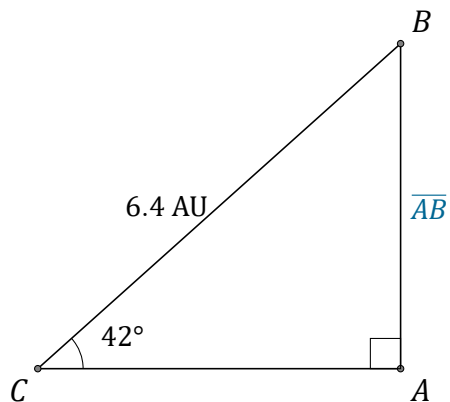
$\overline{KM} = \underline{47.7 \text{ ft}}$

Sine Ratio (D)

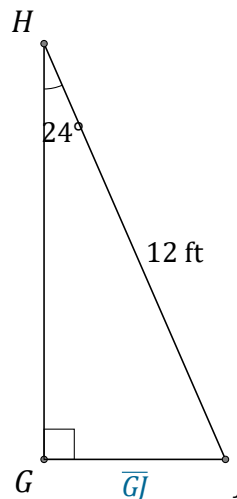
Name: _____

Date: _____

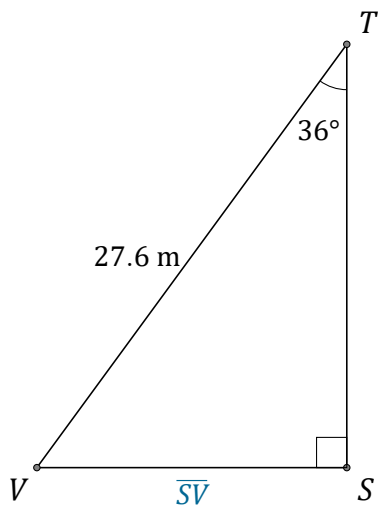
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



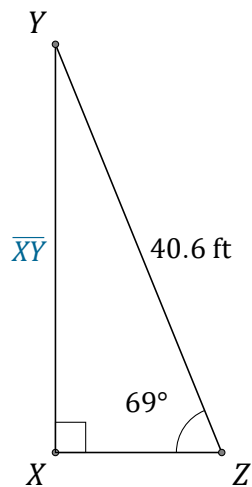
$\overline{AB} =$ _____



$\overline{GJ} =$ _____



$\overline{SV} =$ _____



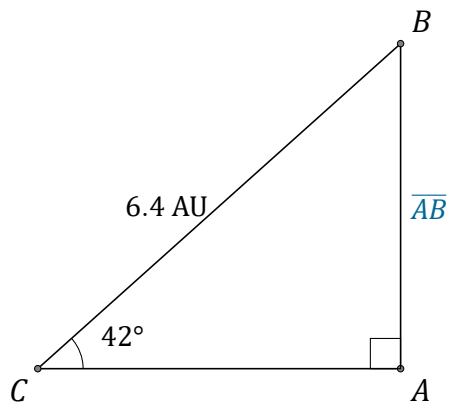
$\overline{XY} =$ _____

Sine Ratio (D) Answers

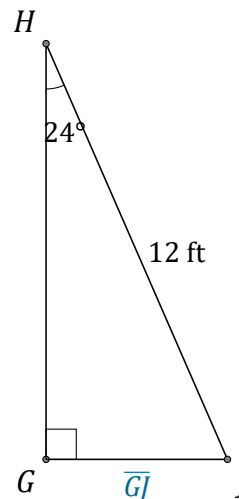
Name: _____

Date: _____

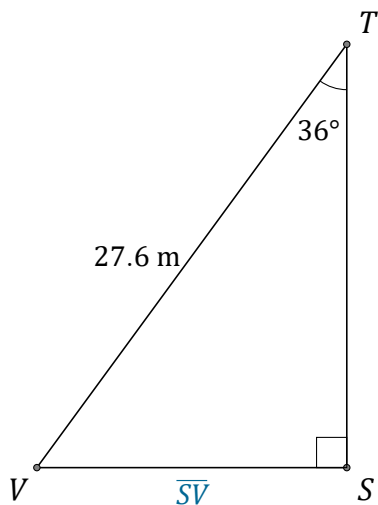
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



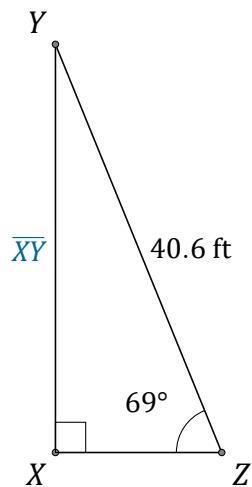
$$\overline{AB} = \underline{4.3 \text{ AU}}$$



$$\overline{GJ} = \underline{4.9 \text{ ft}}$$



$$\overline{SV} = \underline{16.2 \text{ m}}$$



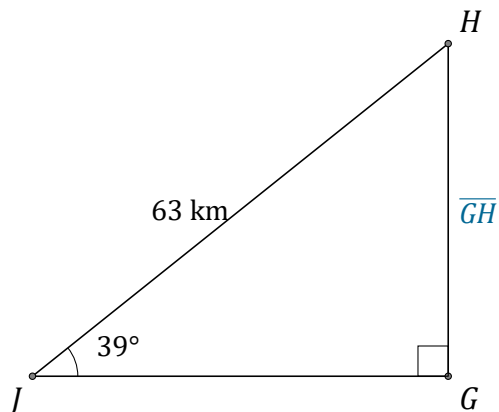
$$\overline{XY} = \underline{37.9 \text{ ft}}$$

Sine Ratio (E)

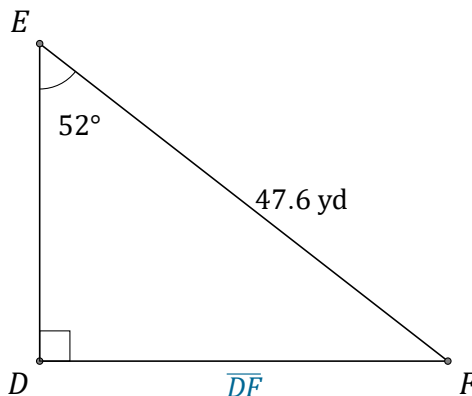
Name: _____

Date: _____

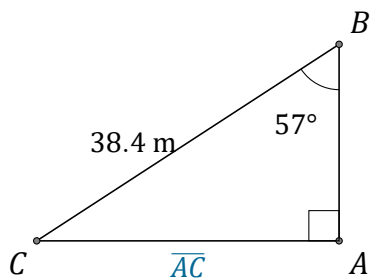
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



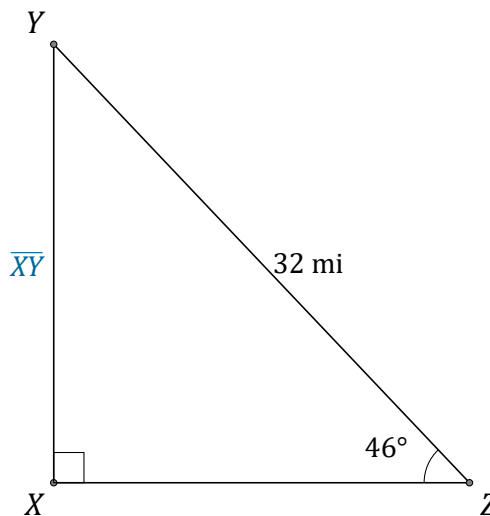
$\overline{GH} = \underline{\hspace{2cm}}$



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



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



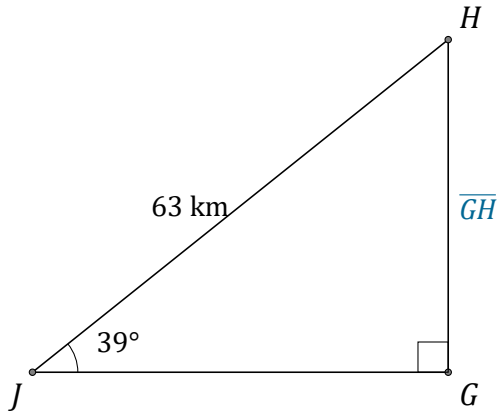
$\overline{XY} = \underline{\hspace{2cm}}$

Sine Ratio (E) Answers

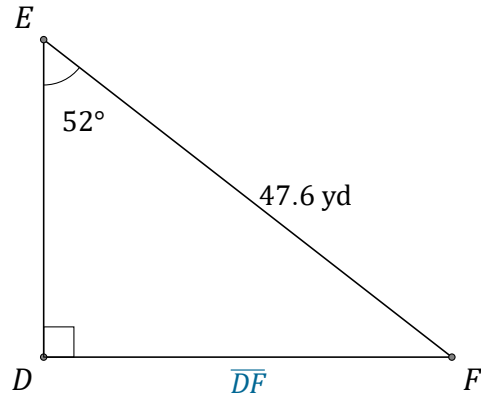
Name: _____

Date: _____

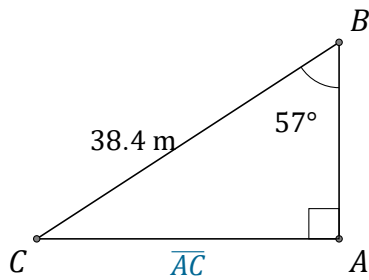
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



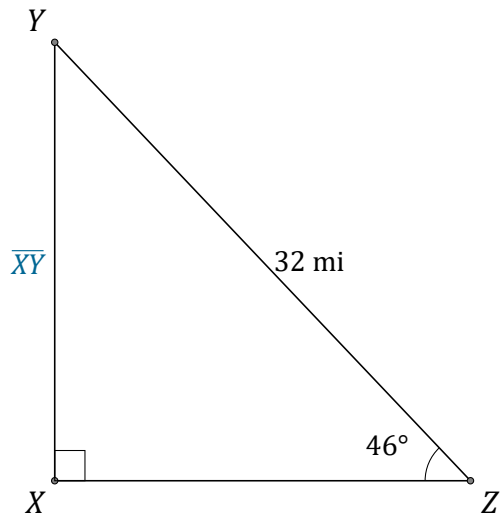
$$\overline{GH} = \underline{39.6 \text{ km}}$$



$$\overline{DF} = \underline{37.5 \text{ yd}}$$



$$\overline{AC} = \underline{32.2 \text{ m}}$$



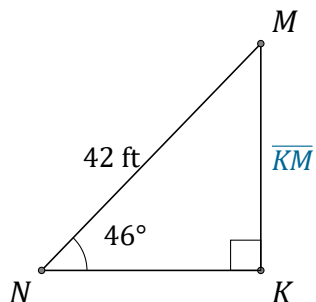
$$\overline{XY} = \underline{23 \text{ mi}}$$

Sine Ratio (F)

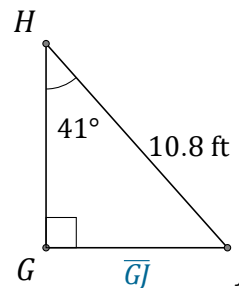
Name: _____

Date: _____

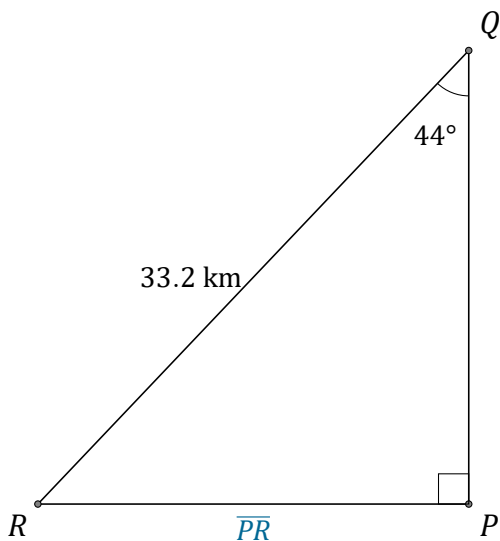
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



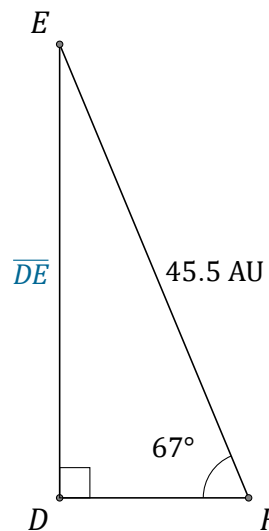
$\overline{KM} =$ _____



$\overline{GJ} =$ _____



$\overline{RP} =$ _____



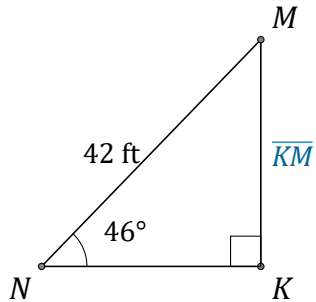
$\overline{DE} =$ _____

Sine Ratio (F) Answers

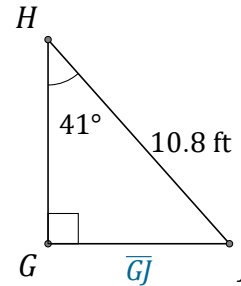
Name: _____

Date: _____

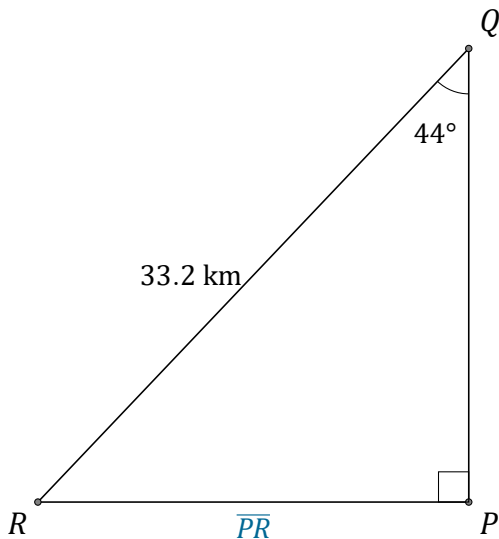
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



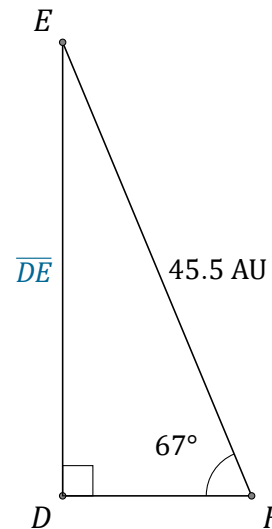
$\overline{KM} = \underline{30.2 \text{ ft}}$



$\overline{GJ} = \underline{7.1 \text{ ft}}$



$\overline{PR} = \underline{23.1 \text{ km}}$



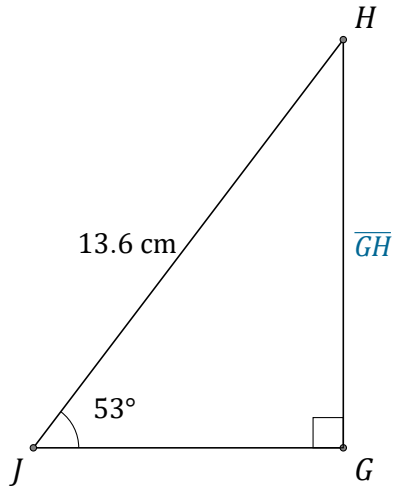
$\overline{DE} = \underline{41.9 \text{ AU}}$

Sine Ratio (G)

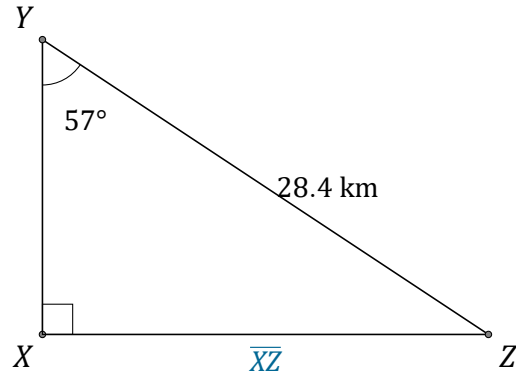
Name: _____

Date: _____

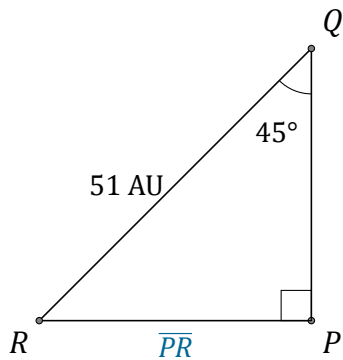
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



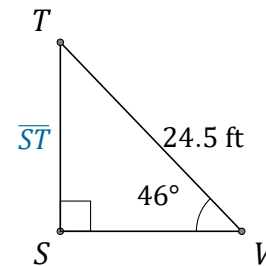
$\overline{GH} = \underline{\hspace{2cm}}$



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



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



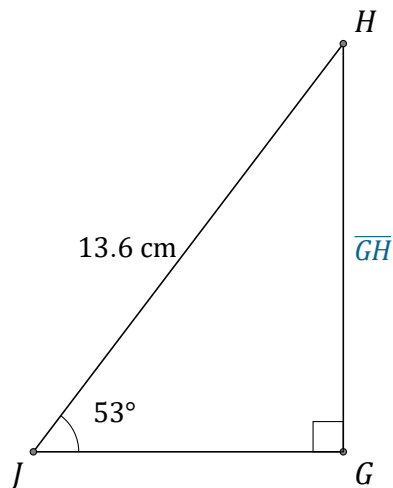
$\overline{ST} = \underline{\hspace{2cm}}$

Sine Ratio (G) Answers

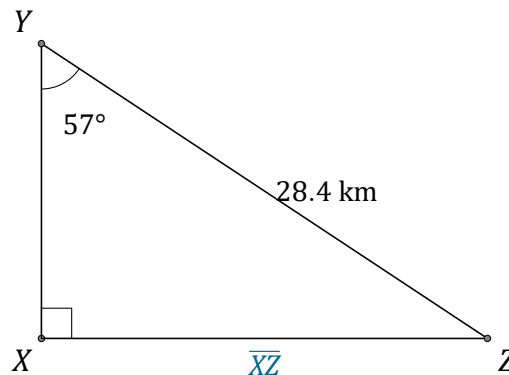
Name: _____

Date: _____

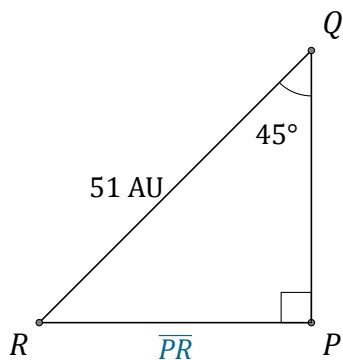
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



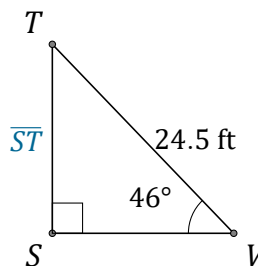
$$\overline{GH} = \underline{10.9 \text{ cm}}$$



$$\overline{XZ} = \underline{23.8 \text{ km}}$$



$$\overline{RP} = \underline{36.1 \text{ AU}}$$



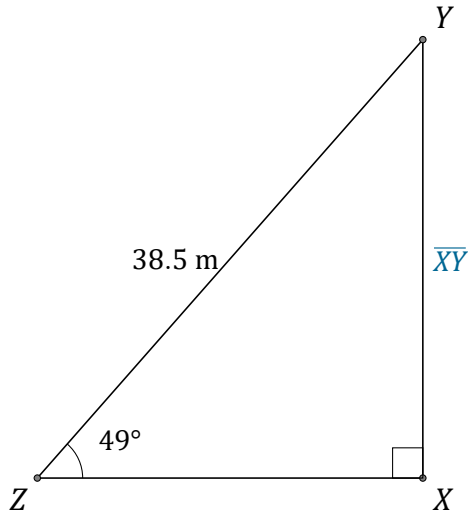
$$\overline{TS} = \underline{17.6 \text{ ft}}$$

Sine Ratio (H)

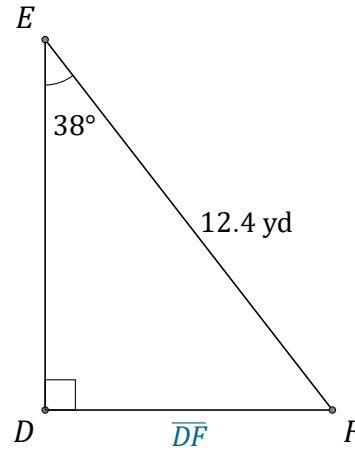
Name: _____

Date: _____

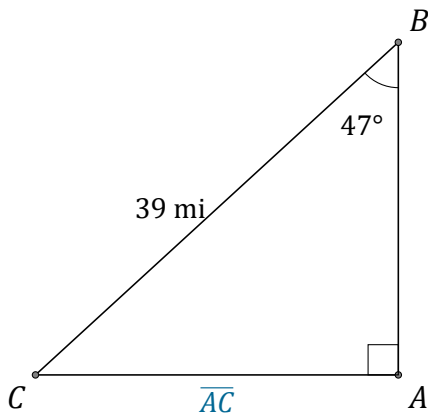
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



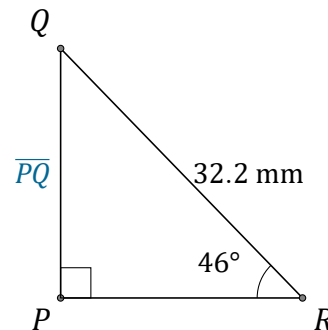
$\overline{XY} = \underline{\hspace{2cm}}$



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



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



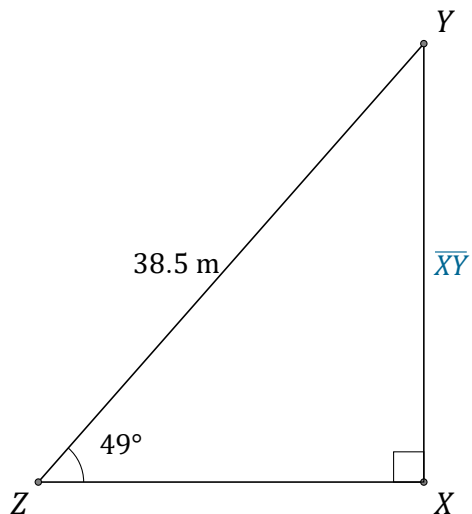
$\overline{PQ} = \underline{\hspace{2cm}}$

Sine Ratio (H) Answers

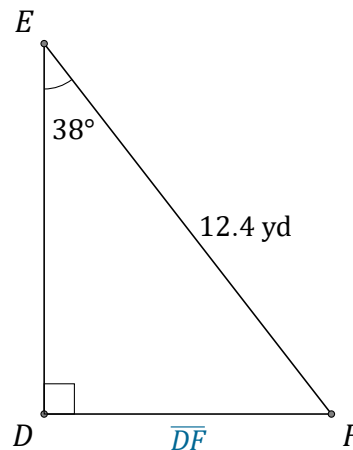
Name: _____

Date: _____

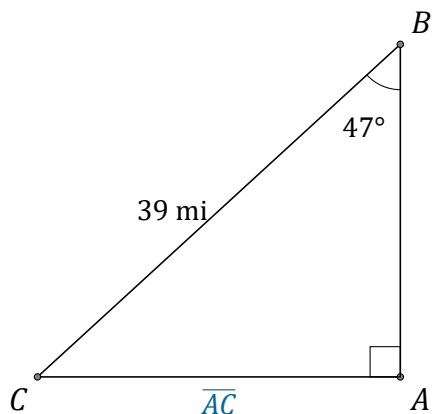
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



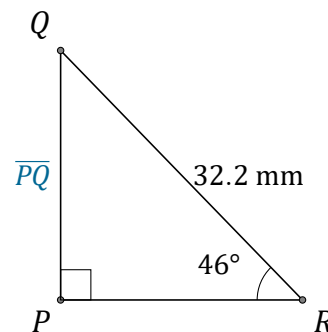
$$\overline{XY} = \underline{29.1 \text{ m}}$$



$$\overline{DF} = \underline{7.6 \text{ yd}}$$



$$\overline{AC} = \underline{28.5 \text{ mi}}$$



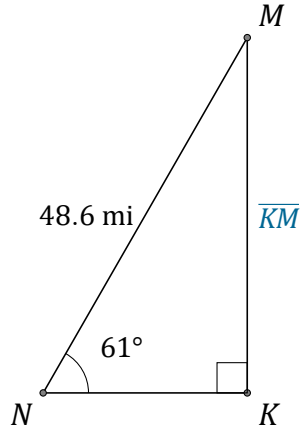
$$\overline{PQ} = \underline{23.2 \text{ mm}}$$

Sine Ratio (I)

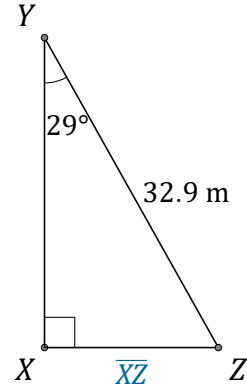
Name: _____

Date: _____

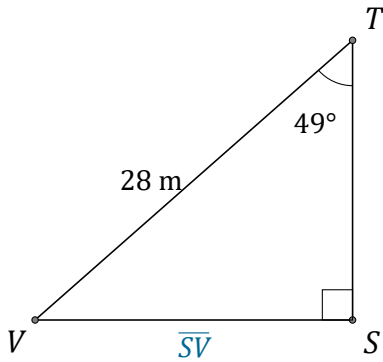
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



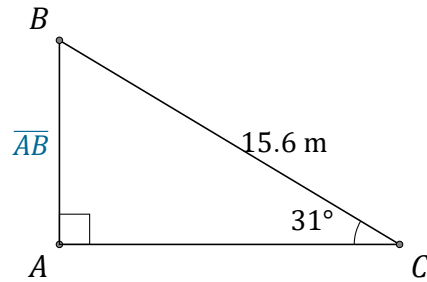
$\overline{KM} =$ _____



$\overline{XZ} =$ _____



$\overline{SV} =$ _____



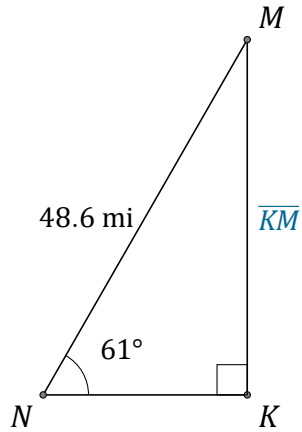
$\overline{AB} =$ _____

Sine Ratio (I) Answers

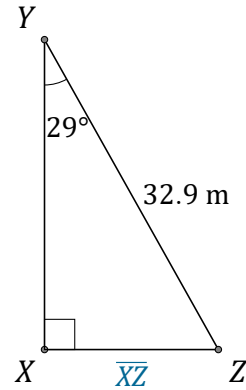
Name: _____

Date: _____

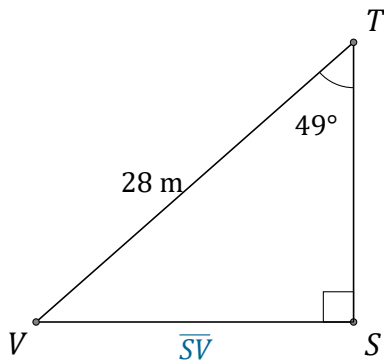
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



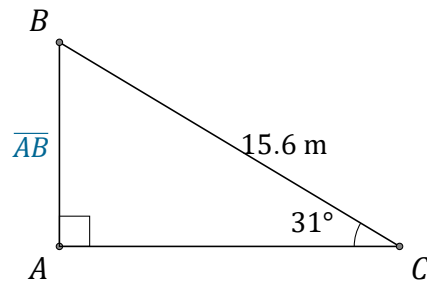
$$\overline{KM} = \underline{42.5 \text{ mi}}$$



$$\overline{XZ} = \underline{16 \text{ m}}$$



$$\overline{SV} = \underline{21.1 \text{ m}}$$



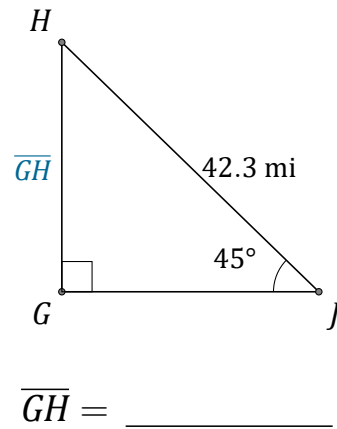
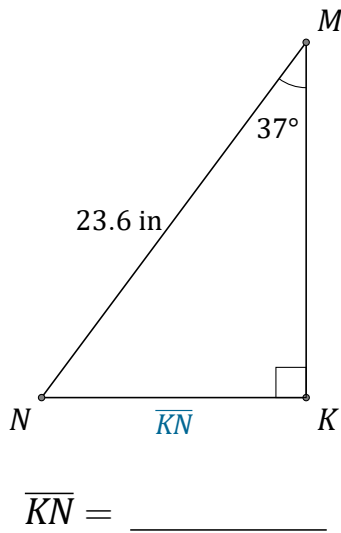
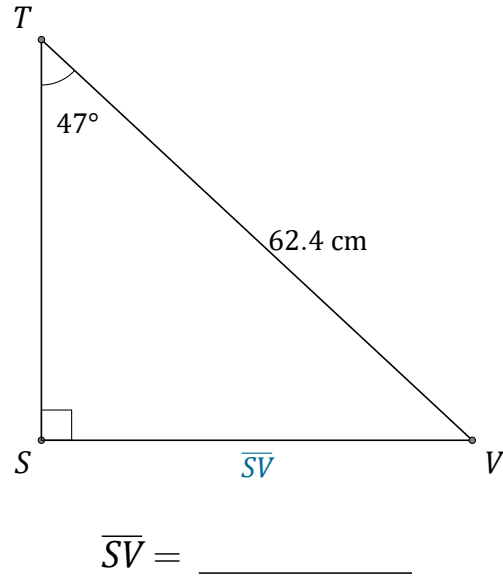
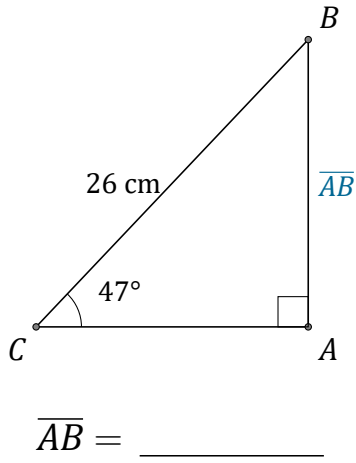
$$\overline{AB} = \underline{8 \text{ m}}$$

Sine Ratio (J)

Name: _____

Date: _____

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

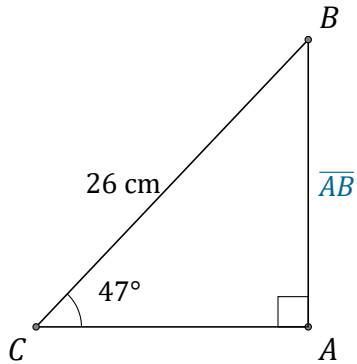


Sine Ratio (J) Answers

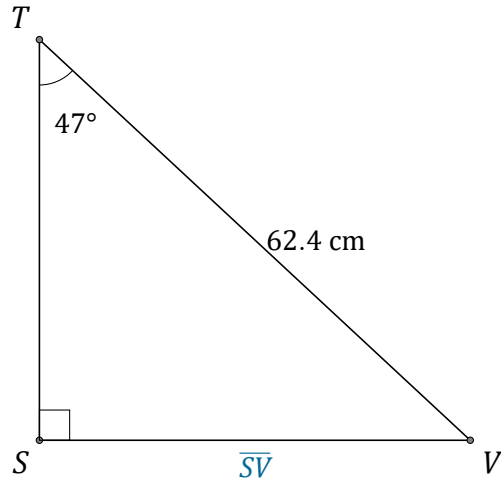
Name: _____

Date: _____

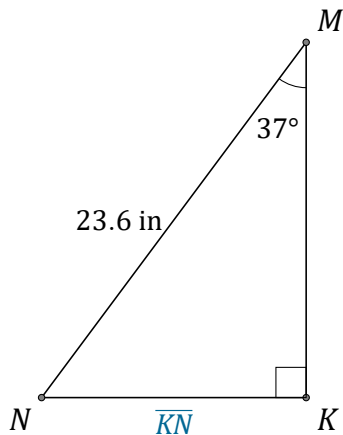
Calculate the side values using the sine ratio: $\sin(\alpha) = \frac{O}{H}$



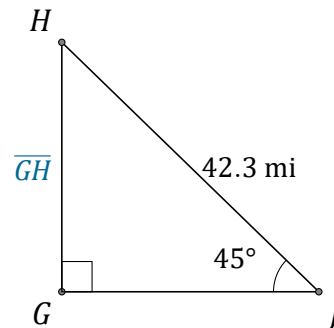
$\overline{AB} = \underline{19 \text{ cm}}$



$\overline{SV} = \underline{45.6 \text{ cm}}$



$\overline{KN} = \underline{14.2 \text{ in}}$



$\overline{GH} = \underline{29.9 \text{ mi}}$