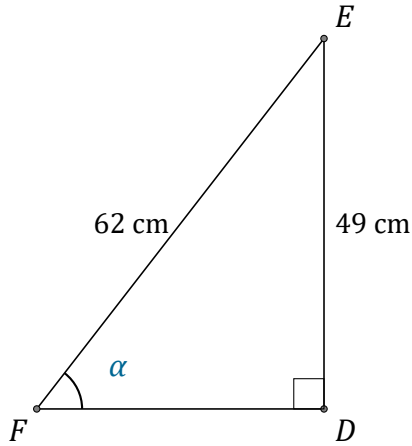


# Trigonometric Ratios (I)

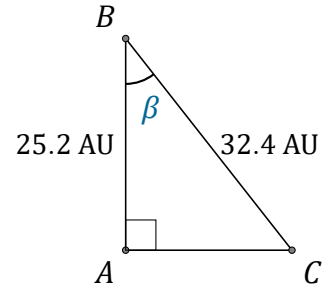
Name: \_\_\_\_\_

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

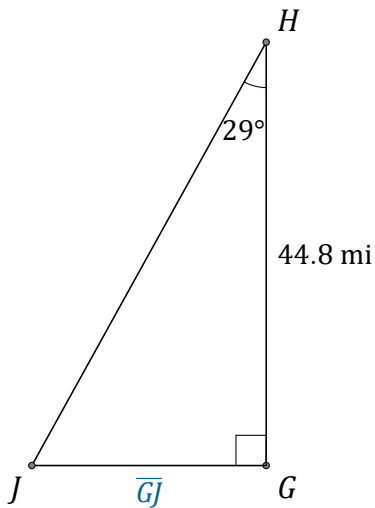
Calculate the angle and side values using trigonometric ratios



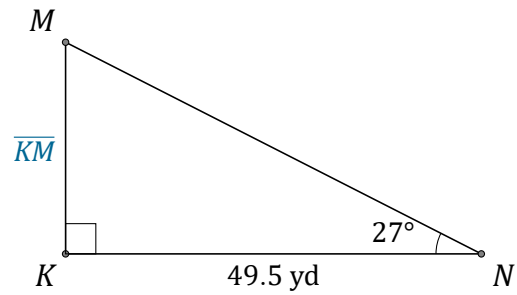
$$\alpha = \angle DFE = \underline{\hspace{2cm}}$$



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



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



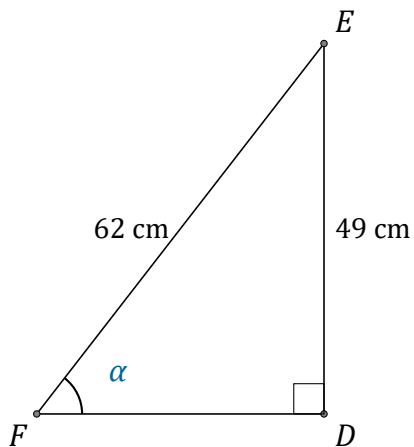
$$\overline{KM} = \underline{\hspace{2cm}}$$

# Trigonometric Ratios (I) Answers

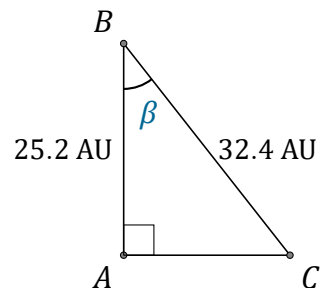
Name: \_\_\_\_\_

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

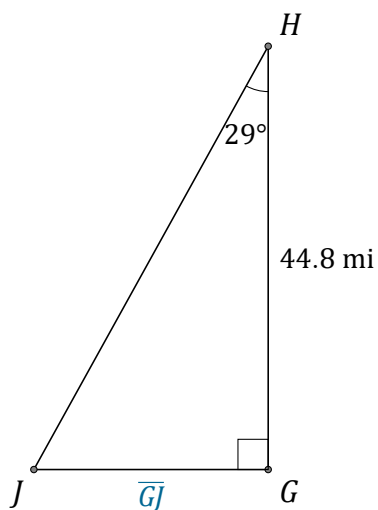
Calculate the angle and side values using trigonometric ratios



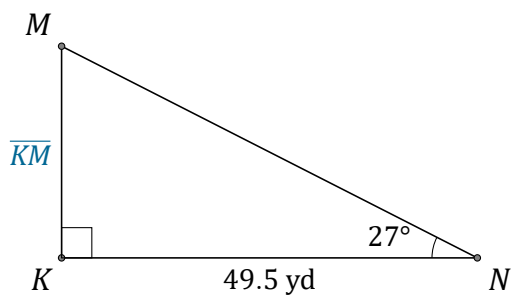
$$\alpha = \angle DFE = \underline{52.2^\circ}$$



$$\beta = \angle ABC = \underline{38.9^\circ}$$



$$\overline{GJ} = \underline{24.8\text{ mi}}$$



$$\overline{KM} = \underline{25.2\text{ yd}}$$