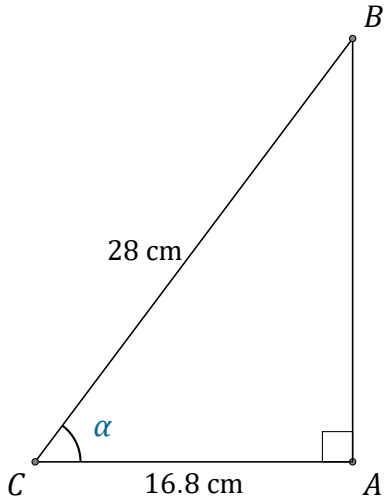


# Trigonometric Ratios (H)

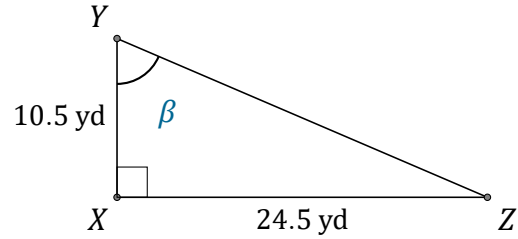
Name: \_\_\_\_\_

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

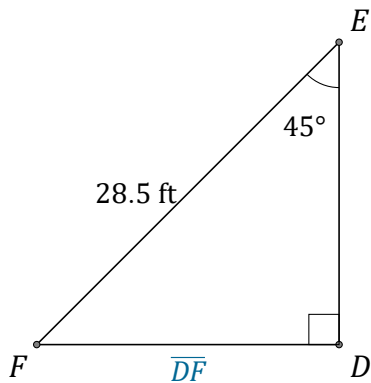
Calculate the angle and side values using trigonometric ratios



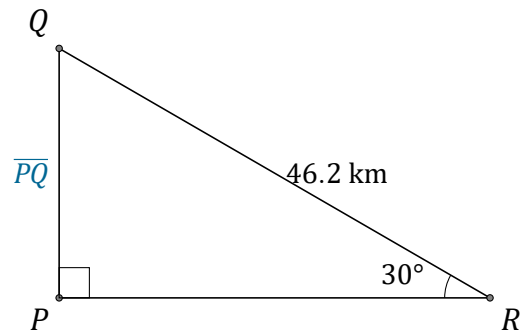
$$\alpha = \angle ACB = \underline{\hspace{2cm}}$$



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



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



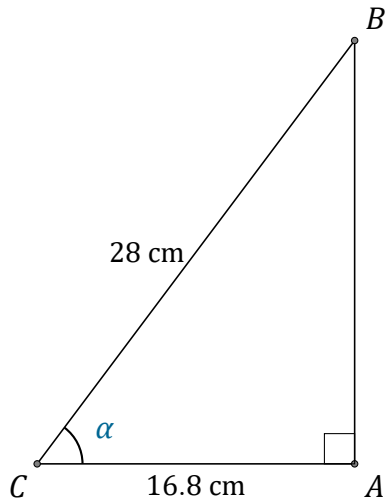
$$\overline{PQ} = \underline{\hspace{2cm}}$$

# Trigonometric Ratios (H) Answers

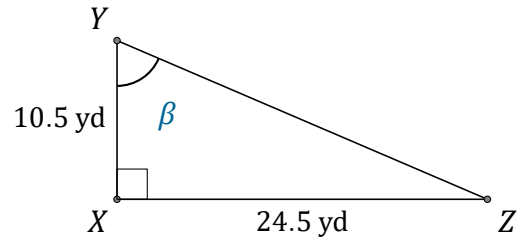
Name: \_\_\_\_\_

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

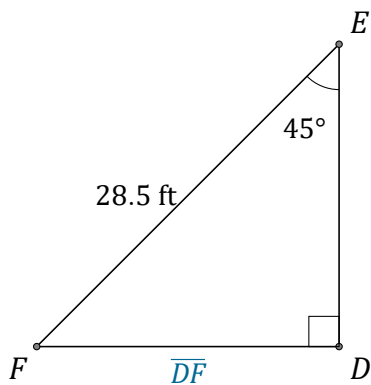
Calculate the angle and side values using trigonometric ratios



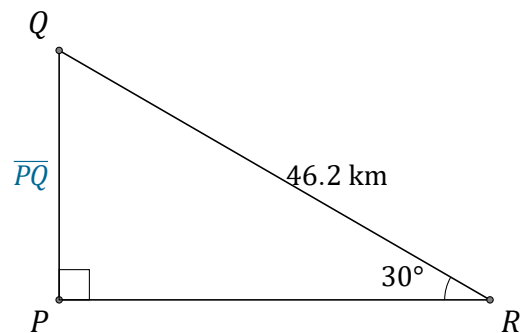
$$\alpha = \angle ACB = \underline{53.1^\circ}$$



$$\beta = \angle XYZ = \underline{66.8^\circ}$$



$$\overline{DF} = \underline{20.2 \text{ ft}}$$



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