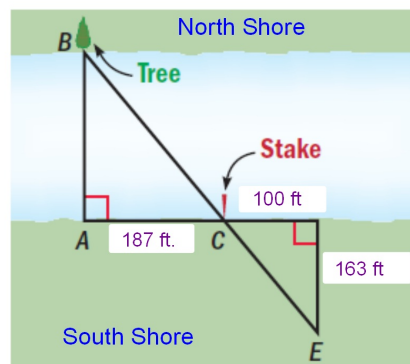


1. The price for a barrel of crude oil is 3196.08 Rubles/barrel (Rubles is Russian currency) Convert this into \$US per gallon

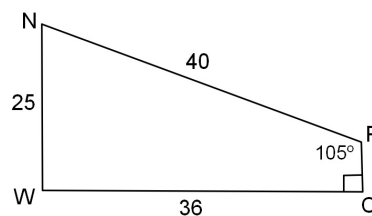
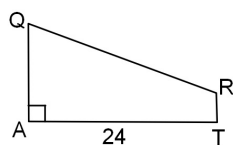
$$1 \text{ Liter} = 1.0567 \text{ qts} \quad 1 \text{ barrel} = 119.24 \text{ Liters}$$

$$\$1 \text{ US} = 32.73 \text{ Rubles} \quad 4 \text{ qts} = 1 \text{ gallon}$$

2. To measure the distance across a river measurements were taken on the South Shore. How far is it directly across the river from the South Shore to the North Shore?



3. These two figures are similar.



- Write a similarity statement.
- Find the measure of  $\angle R$ .
- Find the measure of  $\angle N$ .
- Find the length of  $\overline{QR}$ .