

Name _____

Date _____

Application of the Standard Law of Sines - Guided Lesson:

Complete the following problems:

1) In $\triangle XYZ$, $\sin X = 16$, $\sin Y = 0.4$ and $y = 17$. Find the length of x .

2) In $\triangle PQR$, side $q = 11$, $m\angle Q = 74^\circ$ and $m\angle R = 63^\circ$. Find side r to the nearest tenth of an integer.

3) In $\triangle EFG$, $\sin E = 13$, $\sin G = 20$ and $e = 8$. Find the length of g .

