

Name _____

Date _____

Area of Triangle Using Trigonometry - Guided Lesson

Complete the following problems:

1) In $\triangle PQR$, $PQ = 27$, $PR = 18$, and $m\angle P = 57^\circ$. Find the area of $\triangle PQR$, to the nearest tenth of a square unit.

2) In an isosceles \triangle , the two equal sides each measure 22 meters, and they include an angle of 48° . Find the area of the isosceles triangle, to the nearest square meter.

3) In $\triangle EFG$, $EF = 16$, $EG = 6$, and $m\angle E = 67^\circ$. Find the area of $\triangle EFG$, to the nearest tenth of a square unit.

