

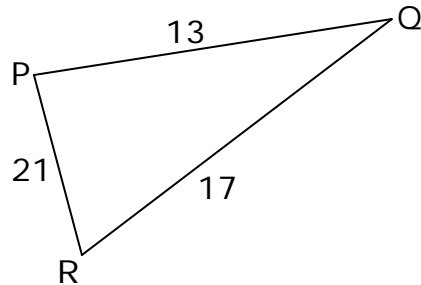
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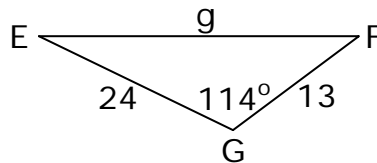
### Using Sine and Cosine - Guided Lesson

Complete the following problems:

1) Find  $m \angle P$ .



2) For  $\triangle EFG$  find the length of  $c$  given  $e = 13$ ,  $f = 24$ ,  $\angle G = 114^\circ$



3) Use the Law of Sine and the Law of Cosine to find the missing sides and angles of each triangle.

$PR = 10$ ,  $\angle Q = 52^\circ$ , and  $\angle R = 60^\circ$

