**3.5 Law of Sines (continued)**

**ambiguous –**

**Ambiguous Case –**

Possibility #1 – no triangle is possible

Possibility #2 – only one triangle is possible (right triangle)

Possibility #3 – only one triangle is possible (oblique triangle)

Possibility #4 – two triangles are possible (\*\* the ambiguous case \*\*)

Possibility #5 – obtuse triangles

In triangle PQR, angle P is 30°, p = 24 m and q = 42 m. Determine the measures of the other side and angles.