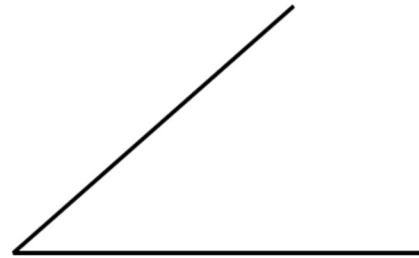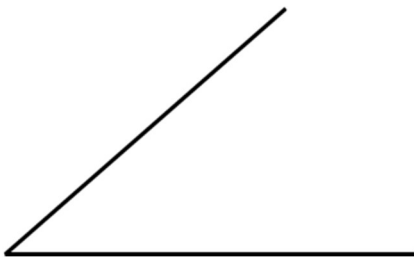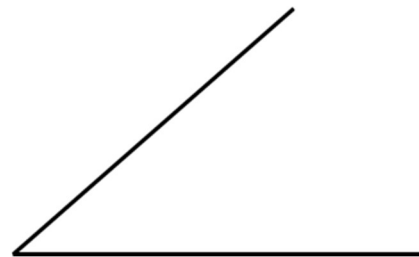Name: _____   Date: _____

Learning Goal 2.3	Use of sine and cosine laws to solve non-right triangles, including ambiguous cases.

The Ambiguous Case

Case 1
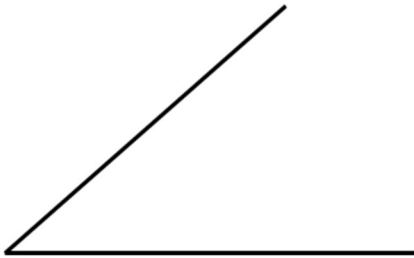
Case 2

Case 3

Case 4

Example In $\Delta PQR, \measuredangle P = 36°, p = 24.8$ m and $q = 23.4$ m. Determine the measure of $\measuredangle R$ to the nearest degree.

Example In $\Delta ABC, \measuredangle A = 30°, a = 24$ cm and $b = 42$ m. Solve the triangle, expressing all answers to the nearest unit.