Chapter 3 Quiz

Law of Sines

1. Solve each of the following triangles. Show your work in a clear, easy to follow manner. Your final answer should show a diagram of the triangle(s) with all values. Clearly indicate if there is no solution, one solution, or two solutions. All answers should be rounded to 1 decimal place. (20 marks)

a) B = 38⁰, b = 8, a = 6 b) C = 27⁰, B = 46⁰, a = 120

c) A = 74⁰, a = 7, b = 8.1 d) A = 30⁰, a = 8, b = 10