All Types of Triangles /20

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 = 36⁰, c = 10, a = 4 b) A = 58⁰, C = 74⁰, b = 30.5

c) A = 40⁰, a = 55, b = 80 d) a = 9, b = 14, c = 11