

Last Name: _____

First Name: _____

Student ID: _____

Quiz 3

Question 1. (5 marks) Find the resultant of \vec{A} and \vec{B} where $A = 135.2$, $\theta_A = 162.11^\circ$ and $B = 42.75$, $\theta_B = 93.01^\circ$.

Question 2. (10 marks) Solve the the triangles with the following parts:

(a) Sides $a = 235$, $b = 772$, and $c = 825$.

(b) Sides $a = 45.2$, $b = 36.8$ and angle $B = 12.6^\circ$.