

Name: _____

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Quiz 8

Question 1. (8 marks) Add the vectors \vec{A} and \vec{B} by using the trigonometric functions and the Pythagorean theorem given $A = 6.89$, $\theta_A = 123.0^\circ$ and $B = 29.0$, $\theta_B = 260.0^\circ$.

Question 2. (2 marks) A triangle has side $c = 4380$ and angles $B = 34.6^\circ$ and $A = 37.4^\circ$. Draw the triangle and find side b .