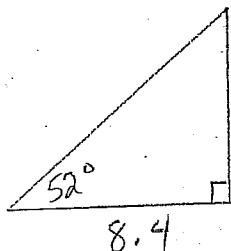


Name: _____

Student ID: _____

Quiz 3

Question 1. (3 marks) Solve the following right triangle:



Question 2. (4 marks) Find θ for $0^\circ \leq \theta \leq 360^\circ$ given $\sin \theta = -0.8480$.

Question 3. (3 marks) A spotlight beam sweeps through a horizontal angle of 75.0° . If the range of the spotlight is $110m$ what area can it cover?