

Name: _____
Student ID: _____

Quiz 2

Question 1. (3 marks)

Convert 2320 pounds per cubic foot (lbs/ft³) to kg per cubic centimeter.

Question 2. (4 marks)

Using a right triangle (not inverse trig functions) and given $\cot \theta = 0.254$ find $\cos \theta$ and $\tan \theta$.

Question 3. (3 marks) Using inverse trig functions, find $\csc \theta$ given $\cos \theta = 0.1063$. Make sure to round the result correctly.