Name: _____

Student ID: _____

Quiz 3

Question 1. *(5 marks)*

(a) Change 9.80 m/s^2 to centimetres per minute squared.
(b) Change 5.25 mV to watts per ampere given that $V = J/(A \cdot s)$ and $W = J/s$.

Question 2. *(2 marks)* Determine which of the pair of approximate numbers is more precise and which is more accurate:
(a) 30.8; 0.01

(b) 0.041; 7.673

Question 3. *3 marks* Perform the operations on the following approximate numbers:
(a)

$$12.78 + 1.0495 - 1.6333$$

(b)

$$\frac{0.3275}{1.096 \times 0.50085}$$