## Quiz 1 PSC1341

Math	+ho	10++05	***i+h	+ha	aarraat	definition	***i+h	+ha	torma	holow.	
matn	tne	retter	with	tne	correct	definition	with	tne	terms	perow	:

Ma	th the letter with the correct definition with the terms below:						
1)	Precision						
2)	Accuracy						
3)	Hypothesis						
	Experiment						
5)	Theory						
6)	Law						
	a) How reproducible a measurement is.						
	b) a summary of observed behavior.						
	c) used to test the hypothesis						
	d) a possible explanation for an observation.						
	e) closeness to correct value						
	f) a hypothesis or a set of tested hypothesis that gives an overall						
	explanation of some part of nature.						
7.	That is the second to the Callering math much long						
/)	What is the answer to the following math problem?						
	$3.14 / (8.30 \times 10^{-3}) =$						
٥,	The number 0.0000028 can be expressed in exponential notation (also called						
0)	scientific notation) as the number						
	Scientific notation, as the number						
۹۱	The equality for the metric relationship between milliliters and liters is						
٥,	a) 1L = 100ml						
	b) 1ml = 100L						
	c) 1L = 1000mL						
	d) 1ml = 1000L						
10	How many significant figures in the number 5150?						
-0	, now many significant rigures in the number 5150.						
11	) How many significant figures in the number $6.2 \times 10^{5}$ ?						
12	) How many significant figures in the number 0.0052?						
13	)What is the temperature in °C of 59 °F?						
	· 						

14)What is the temperature in K of 78  $^{\circ}\text{C}$ ?

15) What is the weight in pounds of 269 mL of mercury (density = 13.6 g/mL)?

(Show all work. Use the factor label method. Write your answer with the correct significant figures and with the correct units.)