Physical Science (PSC 102) Fall 18 Dr. Hahn MWF 9 am Quiz I form A 8/27M Exam #
Name Name Name Name
Sign Print
BA = bad attempt NA = hat attemptes attempt
Please show work on all questions for full credit & partial credit. (20 total pts) "confidence booster"
1. LOOD milligrams = 1 gram. (3 pts) Claur tooo
2. Significant Figures: (6 pts)
a. How many significant figures is in the following numbers? (3 pts)
809.1
b. Give the correct significant figure in the following calculation? Show work. (3 pts)
Give the correct significant figure in the following calculation? Show work. (3 pts) $ \begin{array}{cccccccccccccccccccccccccccccccccc$
Give the following number in scientific notation. (3 pts)
7,989,023 7,989023 × 103 Gare only 1
4. Convert the following. Show work. (8 pts) Sign - 2 decinal
from 782.3 pounds to centigrams (453.6 grams = 1 pound, 100 centigrams = 1 gram)
182,3 poud x 453,6 & 2pt x 100 centigran =
math -
35.485128 - 4 Sif. but allerget -2
35485128 - 4 Sif. 1pt. allerget -2 3,549 × 10° cg BA-4

Extra Credit Question Identify the following as (A) element (B) compound (C) heterogeneous mixture (D) homogenous mixture by filling the blank with one of the letters (3 pts)

sodium chloride (Na Cl) sodium (Na) coffee with sugar \_\_\_\_\_\_

Nam Sign	
1	kilograms = 1000 grams (3 pts) who ide down tooo 2pt
2.	Significant Figures: (6 pts)
a.	How many significant figures is in the following numbers? (3 pts)
8.091	12
b.	Give the correct significant figure in the following calculation? Show work. (3 pts)
1.001	1+256.1= 257, 5.4.
3	Give the following number in scientific notation. (3 pts)
0.000	182507 2,501 X 10 5 5 19 2 1.1801 ( guve als
4.	Convert the following. Show work. (8 pts)
from	782.3 meters to inches (2.54 cm = 1 inch, $100 \text{ cm} = 1 \text{ meter}$ )
η	823 miter x 100 drapt / linch = 30799,21
4	4 Sif. 3 pt / moles 2174000
	30800> 3.080 × 10 tinches  1 pt moth -\frac{1}{2} pt
	attempt -2
	BA -4
	Credit Question Identify the following as (A) element (B) compound (C) heterogeneous mixture (I genous mixture by filling the blank with one of the letters (3 pts)
iron f	ilings with sand iron oxide (Fe <sub>2</sub> O <sub>3</sub> ) iron (Fe)

Physical Science (PSC 102) Fall 18 Dr. Hahn MWF 11 am Quiz I form A 8/27M Exam #  Name  Name  Name  Print  Print  Print  Name  Print  Name  Print  Print  Name  Print  Print  Print  Name  Print  Print  Print  Print  Print  Name  Print  Print
2. Significant Figures: (6 pts)
a. How many significant figures is in the following numbers? (3 pts)
7.38012
b. Give the correct significant figure in the following calculation? Show work. (3 pts)
32.991 - 2.1 = 31 $5.4 - 2.1$
Give the following number in scientific notation. (3 pts) 30, 8 9
0.00065203 6,5203 × 10-4 5ign -2)
4. Convert the following. Show work. (8 pts) decimal wrong
from 25.7 cups to liter (4 cups = 1 quart, 1 liter = 1.06 quart)
25.7 cyps × 1900 × 1/2 = 6.06 l 3 pt 2pt 2pt 2pt
math - Int
attempt -2
math -2 pt attempt -2 BA -4
Extra Credit Question Identify the following as (A) element (B) compound (C) heterogeneous mixture (D) homogeneous mixture by filling the blank with one of the letters (3 pts)

sweet tea \_\_\_\_\_\_ bromine (Br<sub>2</sub>) \_\_\_\_\_\_ barium bromide (Ba Br) \_\_\_\_\_\_

Physical Science (PSC 102) Fall 18 Dr. Hahn MWF 11 am Quiz I form B 8/27M Exam #  Name Sign  Name Print
Sign  Please show work on all questions for full credit & partial credit. (20 total pts) "confidence booster"
1. decimeter = one meter (3 pts)  2. Significant Figures: (6 pts)
a. How many significant figures is in the following numbers? (3 pts)
10.9
b. Give the correct significant figure in the following calculation? Show work. (3 pts)
$5.51. 25.5.$ $32.991 \stackrel{\circ}{=} 2.1 = 15.71 \rightarrow 16 25.5.$ $5.51. 32.991$
Give the following number in scientific notation. (3 pts)
29877.01 2,981701 X (04 - 8ign - 2) 4. Convert the following. Show work. (8 pts)
from 25.7 inches to meters (2.54 cm = 1 inch, 100 cm = 1 meter)
25.7 inches x 2.540m x 1 meter = 0.65218  7 pt 2pt 2pt 2pt meter
math - 2 pt 0, 653 meter
math - zest 0, 653 meters attempt -2 BA -4
Extra Credit Question Identify the following as (A) element (B) compound (C) heterogeneous mixture (D) homogenous mixture by filling the blank with one of the letters (3 pts)
nitrogen (N <sub>2</sub> ) sodium nitride (Na <sub>3</sub> N) solid sugar and solid salt

	al Science (PSC 102) Fall 18 Dr. Hahn MWF 9 am Quiz I form A 8/27M Exam #
	Name
Sign	Print
Please	show work on all questions for full credit & partial credit. (20 total pts) "confidence booster"
1.	milligrams = 1 gram. (3 pts)
2.	Significant Figures: (6 pts)
a.	How many significant figures is in the following numbers? (3 pts)
809.1	
b.	Give the correct significant figure in the following calculation? Show work. (3 pts)
2.5 * 7	700.1 =
3	Give the following number in scientific notation. (3 pts)
7989.0	23
4.	Convert the following. Show work. (8 pts)
from	782.3 pounds to centigrams (453.6 grams = 1 pound, 100 centigrams = 1 gram)
N	
	Credit Question Identify the following as (A) element (B) compound (C) heterogeneous mixture (D)
homoge	enous mixture by filling the blank with one of the letters (3 pts)
sodium	chloride (Na Cl) sodium (Na) coffee with sugar

-	•			I form B 8/27M Exam #	
Sign			Print		
Please	show work on all question	ons for full credit & pa	artial cr	edit. (20 total pts) "confidence booster"	
1	kilograms =	grams (3 pts)			
2.	Significant Figures: (6	pts)			
a.	How many significant fig	ures is in the following	g numbei	rs? (3 pts)	
8.0912					
b.	Give the correct significa	nt figure in the followi	ing calcu	lation? Show work. (3 pts)	
1.001 -	+ 256.1 =	<del></del>			
3	Give the following number	er in scientific notation	n. (3 pts	)	
0.0000	)2507				
4.	Convert the following. Sho	ow work. (8 pts)			
from 78	82.3 meters to inches (2.54 cm	m = 1 inch, $100  cm = 1  r$	meter)		
		·			
Extra (	Credit Question Identify enous mixture by filling the b	the following as (A) elolank with one of the lett	ement (E ers (3 pt	B) compound (C) heterogeneous mixture (Ds)	)
iron fil	ings with sand	iron oxide (Fe <sub>2</sub> O <sub>3</sub> )		iron (Fe)	

Physic Name		WF 11 am Quiz I form A 8/27M Exam # Name
Sign		Print  t & partial credit. (20 total pts) "confidence booster"
1.	centiliter = one Liter (3	pts)
2.	Significant Figures: (6 pts)	
a.	How many significant figures is in the following	owing numbers? (3 pts)
7.380	12	
b.	Give the correct significant figure in the fo	ollowing calculation? Show work. (3 pts)
32.99	1 – 2.1 =	
3	Give the following number in scientific no	otation. (3 pts)
0.0006	65203	
4.	Convert the following. Show work. (8 pts)	
from 2	25.7 cups to liter (4 cups = 1 quart, 1 liter = $1.06$	quart)
Fustura	Cwedit Question Lieutic (1, C.11	(A) element (D) compound (C) between
	<u>Credit Question</u> Identify the following as genous mixture by filling the blank with one of t	(A) element (B) compound (C) heterogeneous mixture (D) he letters (3 pts)
sweet	tea bromine (Br <sub>2</sub> ) b	arium bromide (Ba Br)

	sical Science (PSC 102) Fall 18 Dr. Hahn MWF 11 am Quiz I form B 8/27M Exam #
Plea	se show work on all questions for full credit & partial credit. (20 total pts) "confidence booster"
1.	decimeter = one meter (3 pts)
2.	Significant Figures: (6 pts)
a.	How many significant figures is in the following numbers? (3 pts)
10.9	
b.	Give the correct significant figure in the following calculation? Show work. (3 pts)
32.9	91—2.1 =
3	Give the following number in scientific notation. (3 pts)
2987	77.01
4.	Convert the following. Show work. (8 pts)
from	25.7 inches to meters (2.54 cm = 1 inch, 100 cm = 1 meter)
	2517 mentes de meters (2.5 i em 1 men, 100 em 1 meter)
	a Credit Question Identify the following as (A) element (B) compound (C) heterogeneous mixture (genous mixture by filling the blank with one of the letters (3 pts)
nitro	gen (N <sub>2</sub> ) sodium nitride (Na <sub>3</sub> N) solid sugar and solid salt