Quiz I General Chemistry I Lecture Fall 12 Dr. Hahn 20 pts 9/6/12 8:30 am A quiz #
Name Name Name
(print name) (sign name) (AA = not Please show all work for partial credit. "The Confidence Booster" (AHENGLE)
1. For the following, given the metric prefix, fill in the blank with the number which matches (3 pts)
kilo 1000 or centi 0,01 milli 0,001 (abbreviated m)
2. To convert Celsius to Kelvin, fill in the blank with the equation (2 pts)
Gign k = °C (7) (273, 15) Cept (Wrang #)
For the following numbers, fill in the blank with the number of significant figures. (6 pts)
=(3pt)
35.200 7 significant figures 0.00152 5 significant figures Goot 2 gt. Only if Something else followedit,
4. Convert 24.3 mg / Liter to kg per mL. Show all work for full credit. (9 pts)
24.3 mg 1 g (2pt) (2pt) (2pt)
(Liter 1000 mg 1000 ml =
(2,43×10-8kg) (infinite sig.fig.)
2519. tig 2 math Rero pts
Extra Credit (from Chapter 2) $ \begin{array}{c} -\frac{1}{4} & \text{Sig} & \text{Cwrong } \# \\ + & \text{ho} \end{array} $
For the symbol given below fill in the blanks (3 pts)
³⁰ P # protons 15 # electrons (for a neutral atom) 15 # neutrons $30 - 15 = 15$
1

Ovie I. Canaval Chamister I. Lacture Fall 12. Dr. Hahn, 20 ptg. 0/6/12, 8:30 am P. quiz # 3
Quiz I General Chemistry I Lecture Fall 12 Dr. Hahn 20 pts 9/6/12 8:30 am B quiz # 3-11
Name (print name) Name (sign name) NA 2 not attempted)
Please show all work for partial credit. "The Confidence Booster"
1. For the following, given the metric prefix, fill in the blank with the number which matches (3 pts)
(1) (1) (1) (1)
centi $0.01 \text{ or kilo} 1000 \text{ milli } 0.001 \text{ or } 10^{-3}$
10-2 or 103 10-3
1. To convert Celsius to Kelvin, fill in the blank with the equation (2 pts)
wrong # - If
(5127 (F) = °C (+)213.15)
West off no et ofc
For the following numbers, fill in the blank with the number of significant figures. (6 pts)
100.2 4 significant figures 0.0170 3 significant figures
100.2 $\frac{4}{3p}$ significant figures 0.0170 $\frac{3}{3p}$ significant figures
4. Convert 24.3 kg/mL to mg per Liter. Show all work for full credit. (9 pts)
2/12 h /000 A /000 h 4 /100 0 = 12 1/0
24.3 kg x 1000 g 1000 mg 1000 ml = 2,43 x/0 mg
I he I kg I g / Cite
(2pt) $(2pt)$ $(2pt)$ $(2pt)$
Zero ots
fronty if something (infinite wrong # +
519, fig) Shawel
no work,
Extra Credit (from Chapter 2)
For the symbol given below fill in the blanks (3 pts)
³⁵ Cl # protons $\frac{17}{2}$ # electrons (for a neutral atom) $\frac{17}{2}$ # neutrons $\frac{25-17}{2}$
17

Quiz I General Chemistry I Lecture Fall 12 Dr. Hahn 20 pts 9/6/12 9:55 am A quiz # 4-
Name Key Name
(print name) (sign name) (NA = not attempts)
Please show all work for partial credit. "The Confidence Booster"
1. For the following, given the metric prefix, fill in the blank with the number which matches (3 pts)
(1 stead)
kilo $\frac{1000 \text{ or }}{10^3}$ centi $\frac{0.01 \text{ or }}{10^{-2}}$ $\frac{0.001 \text{ or }}{10^{-3}}$
10^{3} 10^{-2} 10^{-3}
2. To convert Celsius to Kelvin, fill in the blank with the equation (2 pts)
wrong # -zet)
() ((C) = ° C (+(C/15,15)
For the following numbers, fill in the blank with the number of significant figures. (6 pts)
For the tollowing numbers, fill in the blank with the number of significant rigures. (6 pts)
1 (WYOrg #
4002.0 significant figures 0.0001 significant figures 5howed
4. Convert 24.3 inches to kilometers (2.54 cm = inch) Show all work for full eredit. (9 pts)
2pt 2pt (work)
24,3 inches x 21,04m x meter x cm
1 1 Ind 1000m 1000m
1 611 × 10 + 6
(infi Aite)
(3 sid Q) (no ets.) (fol sig, fig.)
Extra Credit (from Chapter 2) How after math
Extra Credit (from Chapter 2) Writtle after mark
For the symbol given below fill in the blanks (3 pts) (2pt. 519 fig)
Ca # protons 20 # electrons (for a neutral atom) 20 # neutrons $40-20=20$

Quiz I General Chemistry I Lecture Fall 12 Dr. Hahn 20 pts 9/6/12 9:55 am B quiz # $\frac{2}{2}$
Name Cow Name
(print name) (sign name) (MA = Not
Please show all work for partial credit. "The Confidence Booster" attended
1. For the following, given the metric prefix, fill in the blank with the number which matches (3 pts)
(1pt)
milli 0001 centi 0.01 kilo 1000 (each)
milli 0.001 centi 0.01 kilo 1000 each or 10^{-3} or 10^{-2} or 10^{3}
2. To convert Celsius to Kelvin, fill in the blank with the equation (2 pts)
wrong #
5, graf K = °C (7 (273, 15)
For the following numbers, fill of the blank with the number of significant figures. (6 pts)
25.02 4 significant figures 0.010 2 significant figures 25.02 significant figures 25.02 significant figures 25.02 work
4. Convert 24.3 kilometers to inches (2.54 cm = 1 inch) Show all work for full credit. (9 pts)
24.3 km x 1000m x 100 cm x inch = 9.51 x/05
(2pt) 1 km 1 m 2,540m p inches
The Cost (Zet mats)
(9 omething) (Ent sighing)
(comes) (3519)
Extra Credit (from Chapter 2) Sig + ig Sig + ig Sig + ig
Extra Credit (from Chapter 2)
For the symbol given below fill in the blanks (3 pts)
¹⁴ N # protons $\frac{1}{2}$ # electrons (for a neutral atom) $\frac{1}{2}$ # neutrons $\frac{1}{4}$

Name(print name)	Name (sign name)	
	artial credit. "The Confidence Booster"	
•	given the metric prefix, fill in the blank with the number which matches	(2 pts)
1. Tor the following, g	erven the metire prefix, fin in the blank with the number which materies	s (5 hrs)
kilo	centi milli	
2. To convert Celsius t	to Kelvin, fill in the blank with the equation (2 pts)	
2 For the fall even	a word and fill in the blank with the word or of significant farmer (6	.+-)
3 For the following	g numbers, fill in the blank with the number of significant figures. (6 p	is)
35.200 significa	ant figures 0.00152 significant figures	
4. Convert 24.3	3 mg / Liter to kg per mL. Show all work for full credit. (9 pts)	
4. Convert 24.3		
4. Convert 24.3	3 mg / Liter to kg per mL. Show all work for full credit. (9 pts)	
4. Convert 24.3	3 mg / Liter to kg per mL. Show all work for full credit. (9 pts)	
4. Convert 24.3	3 mg / Liter to kg per mL. Show all work for full credit. (9 pts)	
4. Convert 24.3	3 mg / Liter to kg per mL. Show all work for full credit. (9 pts)	
4. Convert 24.3	3 mg / Liter to kg per mL. Show all work for full credit. (9 pts)	
4. Convert 24.3	3 mg / Liter to kg per mL. Show all work for full credit. (9 pts)	
4. Convert 24.3	3 mg/Liter to kg per mL. Show all work for full credit. (9 pts)	
4. Convert 24.3 Extra Credit (from Cha	3 mg/Liter to kg per mL. Show all work for full credit. (9 pts)	

Name _	General Chemistry I Lecture Fall 1			
(print na	ame)	(sign	name)	
Please s	show all work for partial credit. "Th	e Confidence	Booster"	
1. 1	For the following, given the metric pro	efix, fill in the	blank with the nun	nber which matches (3 pts)
	centi kilo		milli	
1.	To convert Celsius to Kelvin, fill i	n the blank wi	th the equation (2 p	ots)
3 4	For the following numbers, fill in t	the blank with	the number of sign	ificant figures. (6 pts)
100.2 _	significant figures	0.0170	signific	cant figures
4.	Convert 24.3 kg/mL to mg p	per Liter. Sho	w all work for full	credit. (9 pts)
Extr	ra Credit (from Chapter 2)			

(print name)	Na	ime	
(print name)	((sign name)	,
Please show all work for	or partial credit. "The Confid	ence Booster"	
1. For the following	ng, given the metric prefix, fill i	in the blank with the number v	which matches (3 pts)
kilo	centi	milli	
2. To convert Cels	ius to Kelvin, fill in the blank v	with the equation (2 pts)	
·			
3 For the follo	owing numbers, fill in the blank	with the number of significan	t figures. (6 pts)
		-	
4002.0 sign	ificant figures 0.0001	significant	figures
4. Convert	24.3 inches to kilometers (2.5	i4 cm = inch) Show all work f	or full credit. (9 pts)
· · · · · · · · · · · · · · · · · · ·		, · · · · · · · · · · · · · · · · · · ·	(1)
		·	
		·	
·			
Extra Credit (from	Chapter 2)		
•	Chapter 2) en below fill in the blanks (3 pts	;)	

Name			Name	
(print nan	ne)		(sign name)	
Please she	ow all work for partia	al credit. "The Cont	fidence Booster"	
1. Fo	or the following, given	n the metric prefix, fi	ll in the blank with	the number which matches (3
r	nilli	centi	kilo	
2. To	o convert Celsius to K	Kelvin, fill in the bland	k with the equation	(2 pts)
		·		
3	For the following m	umbers, fill in the bla	nk with the number	of significant figures. (6 pts)
25.02	significant fig	igures 0.010)	significant figures
4.	Convert 24.3 kil	lometers to inches (2	2.54 cm = 1 inch) S	how all work for full credit.
				· ·
Extra	Credit (from Chapter	r 2)		
	e symbol given below	w fill in the blanks (3)	pts)	•
For th	o of me or ground soro,	(. /	