Chemistry 1140 Exam One   Name _____

All work must be shown to get full credit. Five points will be deducted if a pen is used.

6. (10 points) Complete the following table.

isotope	atomic nbr	mass nbr	protons	neutrons
		74	32	
^{84}Kr				
			1	0

7. (12 points) Complete the following table. Calculations need not be shown, but do use scientific notation when appropriate.

Hz	kHz	MHz
	7.2	
5.6×10^4		
		6.3×10^{-6}

11. (8 points) Give the answer for each mathematical operation.

$46.2 + 209 =$

$25.47 \times 0.0038 =$

$(42.72 - 0.1) \times 0.6832 =$

$431.67 + 3.11 + 1.0 =$

12. (12 points) Name each element. Use the proper spelling.

Mg	B
Ca	Co
Ni	Si
Li	Ar
F	K
V	Ti