

Name: _____ Date: _____

Warm up 73

Chemistry

LIST the cgs units for the following:

_____ time _____ mass _____ volume
_____ temperature _____ density _____ length

COMPLETE the following conversion factors.

_____ cm = 1 inch _____ quarts = 1 liter _____ grams = 1 pound
_____ joules = 1 calorie _____ seconds = 1 minute _____ milligrams = 1 gram

PERFORM the following operations.

_____ $7.986 + 54.32 + .09992$ _____ $\frac{68.5 \times 786.3 \times 2.11}{56.3}$

CONVERT the following temperatures.

_____ 35°C to Kelvin _____ 35°C to Fahrenheit

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Chemistry

WRITE the short form electron notation for the following elements. (example: $1s^2$)

Co _____
Ag _____
Te _____
Ra _____
Lr _____

DETERMINE the elements for the following electron notation.

_____ $[\text{Kr}] 5s^2 4d^{10} 5p^3$
_____ $[\text{Xe}] 6s^2 4f^{14} 5d^6$
_____ $[\text{Rn}] 7s^2 5f^{11}$