

Name _____

Getting to know your calculator Rev.G

1. Using your calculator, find the answers to the following problems

*Note * or x means multiple*

a. $(67 + 6) * 23 =$

b. $67 - 10 * 11 =$

c. $12 + 3 * -32 =$

d. $\frac{32.3 + 13.1}{4.64} =$

e. $\frac{62.9 - 84.2}{54.5} =$

f. $\frac{13.4}{72.5 \times 7.8} =$

g. $\frac{(312.6 + 18.81)(123.7 + 77)}{50.66(23.4 - 77.89)} =$

2. Find the answer to the following questions that involve scientific notation.

Note: You will need to use the "EE" or "EXP" when do these questions (like all questions involving scientific notation).

a. $(1.22 \times 10^4)(7.92 \times 10^{11}) =$

b. $(2.34 \times 10^{12})(6.10 \times 10^{32}) =$

c. $(9.63 \times 10^{-11})(8.56 \times 10^{10}) =$

d. $(6.14 \times 10^{-12})(2.43 \times 10^{-3}) =$

e. $\frac{4.48 \times 10^{33}}{1.23 \times 10^6} =$

f. $\frac{8.92 \times 10^{11}}{8.23 \times 10^{70}} =$

g. $(10^{41})(10^{26}) =$

h. $\frac{5.53 \times 10^9}{4.52 \times 10^{-3}} =$

i. $\frac{8.77 \times 10^{-19}}{8.91 \times 10^8} =$

j. $\frac{(6.44 \times 10^9)(4.52 \times 10^{71})}{4.81 \times 10^{-9}} =$

k. $10^{14}(3.22 \times 10^{24}) =$

l. $\frac{8.23 \times 10^2}{10^{-9}} =$

m. $\frac{2.23 \times 10^9}{(8.15 \times 10^6)(8.64 \times 10^{22})} =$

n. $\frac{5.64 \times 10^{22}}{(4.55 \times 10^{23})(5.65 \times 10^{19})(4.22 \times 10^6)} =$

o. $\frac{(4.3 \times 10^1)(2.81 \times 10^{34})}{(9.63 \times 10^3)(1.19 \times 10^{16})} =$

p. $(6.56 \times 10^{12})(10^{15}) =$

3. Calculate the following using your log or antilog (10^x) function of your calculator.

a. $\log 1.8$

d. $\text{antilog } 4.3$

b. $\log 0.651$

e. $\text{antilog } 0.8425$

c. $\log 0.0008$

f. $\text{antilog } 6.52$

3. Classify each sample as compound, element, heterogeneous mixture, or homogeneous mixture.

a. beer

b. copper

c. a glass of Coke with ice

4. Describe how you might separate each mixture into two or more components:

a. salt dissolved in water.

b. iron and aluminum nails

c. salt and pepper.