

Name: _____

Date: _____

Math 620 – Scientific Notation Homework

1. Write the following numbers in scientific notation.

a. 0.0259

b. 55,820

c. 0.00072

d. 1,0006

e. 856

f. 0.2058

Simplify each problem and express the answer in scientific notation:

a. $(5 \times 10^7) + (1 \times 10^6) =$

b. $(8 \times 10^9) - (3 \times 10^7) =$

c. $\frac{3 \times 10^4}{8 \times 10} =$

d. $\frac{4 \times 10^5}{16 \times 10^2} =$

e. $(7 \times 10^8)(9 \times 10^6) =$

f. $(3 \times 10^7)(9 \times 10^6) =$

3. Simplify the following expressions:

a. $\frac{(3x)^3}{3y} =$

b. $10xy^2(xy)^0 =$