

Name:

## QUIZ – MATH GRADE 10

1. (30%) Write the number of significant figures in each case:

7.00 \_\_\_\_\_

50.01 \_\_\_\_\_

1200 \_\_\_\_\_

5030 \_\_\_\_\_

0.0010 \_\_\_\_\_

500000 \_\_\_\_\_

2. (30%) Write in scientific notation with 3 significant figures:

200103 = \_\_\_\_\_

0.699910 = \_\_\_\_\_

0.000222499 = \_\_\_\_\_

3. (40%) Calculate, use the appropriate number of significant figures/decimal places in your answer, if needed use scientific notation.

a. (10%)  $100 \cdot (2.1) =$

c. (10%)  $5.10 - 3.001 =$

b. (10%)  $\frac{(20.0)}{2.0} =$

d. (10%)  $0.523 \cdot 10^{-19} - 32 \cdot 10^{-21} =$