

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### CAHSEE Practice Problems Assignment #4

#### I. Review from last CAHSEE Assignment

1.  $\frac{10^5 \times 10^4}{10^6} =$

2.  $\frac{6^3 \times 6^3}{6^2} =$

3.  $\frac{4^2 \times 4^3}{4^2} =$

4.  $\frac{8^2 \times 8^8}{8^3} =$

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

#### II. Scientific Notation: Write the following decimals in scientific notation.

6. 0.00004

7. 0.00009

8. 2,000

9. 45,000,000

10. 0.00023

III. More Practice ^\_^

11. Mr. T uses  $\frac{3}{4}$  of a cup of flour to make a delicious pizza. How many cups of flour does he need to make 8 pizzas?

12. A boy is 2 meters tall. About how tall is the boy in feet (ft) and inches (in)? (1 meter = 39 inches)

13. Ms. Morgan uses  $\frac{2}{4}$  of a cup of sugar to make one batch of cupcakes. How many cups of sugar does she need to make 12 batches?

14. Between which two integers is the value of  $\sqrt{15}$ ?

15. Between which two integers is the value of  $\sqrt{67}$ ?