

1.  $3.064 \times 1,000 =$  \_\_\_\_\_

2. Rewrite  $4 \cdot 4 \cdot 4 \cdot 8 \cdot 8 \cdot 4$  using exponents. \_\_\_\_\_

3.  $(4 + 3)(2 + 6) =$

4.  $2(8 - 5)^2 =$

5. Write 26,373 in scientific notation. \_\_\_\_\_

6. Which of the following is equal to  $4^8 \cdot 4^2$ ?

- a.  $4^2$       b.  $4^{32}$       c.  $4^4$       d.  $4^{12}$

7.  $\frac{23}{50} =$  \_\_\_\_\_ %

8. Beth needs to add a 10% tip to her \$12 meal.

How much money does she need to add? \_\_\_\_\_

9.  $0.063 \times 100 =$

10. If  $a = 3$  and  $b = 4$ , then  $b^a =$  \_\_\_\_\_.