

Name \_\_\_\_\_

## Operation With Exponents

Simplify and write each answer in scientific notation.

Round to the nearest thousandth if needed.

1)  $(1.31 \times 10^3)^3$

\_\_\_\_\_

2)  $(1.49 \times 10^{-2})^{-3}$

\_\_\_\_\_

3)  $(5.7 \times 10^{-3})^3$

\_\_\_\_\_

4)  $(6.1 \times 10^4)^{-2}$

\_\_\_\_\_

5)  $(5 \times 10^{-2})^{-3}$

\_\_\_\_\_

6)  $(4 \times 10^5)^3$

\_\_\_\_\_

7)  $(6.2 \times 10^{-3})^{-2}$

\_\_\_\_\_

8)  $(8 \times 10^{-2})^3$

\_\_\_\_\_

9)  $(4.6 \times 10^{-2})^3$

\_\_\_\_\_

10)  $(4.2 \times 10^4)^3$

\_\_\_\_\_

11)  $(9 \times 10^5)^{-2}$

\_\_\_\_\_

12)  $(2.52 \times 10^2)^{-2}$

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