

Name \_\_\_\_\_

Date \_\_\_\_\_

**Powers of Ten and Scientific Notation - Independent Practice Worksheet**

Solve all the problems.

1. Write 0.00000248 in scientific notation.
2. Which is the larger value:  $4 \times 10^2$  or  $7 \times 10^4$ ?
3. Express  $5.26 \times 10^6$  in standard form.
4. Which is the larger value:  $5 \times 10^5$  or  $3 \times 10^7$ ?
5. Express  $1.24 \times 10^5$  in standard form.
6. Write 0.00684 in scientific notation.
7. Write 0.000000478 in scientific notation.
8. Express  $2.69 \times 10^9$  in standard form.
9. Which is the larger value:  $6 \times 10^3$  or  $6 \times 10^8$ ?
10. Which is the larger value:  $7 \times 10^2$  or  $2 \times 10^7$ ?

