

Name \_\_\_\_\_

Date \_\_\_\_\_

## Powers of Ten and Scientific Notation - Matching Worksheet

Write the letter of the answer that matches the problem.

- \_\_\_\_\_ 1. Which is the larger value:  
 $5 \times 10^2$  or  $3 \times 10^3$ ? a. 5,210,000
- \_\_\_\_\_ 2. Express  $5.21 \times 10^6$  in standard form. b. 1360
- \_\_\_\_\_ 3. Write 0.0000745 in scientific notation. c.  $2 \times 10^7$
- \_\_\_\_\_ 4. Express  $1.36 \times 10^3$  in standard form. d.  $6.48 \times 10^{-5}$
- \_\_\_\_\_ 5. Write 0.000000874 in scientific notation. e.  $3.47 \times 10^{-6}$
- \_\_\_\_\_ 6. Which is the larger value:  
 $2 \times 10^7$  or  $7 \times 10^3$ ? f.  $3 \times 10^3$
- \_\_\_\_\_ 7. Which is the larger value:  
 $6 \times 10^3$  or  $5 \times 10^4$ ? g.  $7.45 \times 10^{-5}$
- \_\_\_\_\_ 8. Write 0.0000648 in scientific notation. h.  $8.74 \times 10^{-7}$
- \_\_\_\_\_ 9. Express  $8.96 \times 10^6$  in standard form. i.  $5 \times 10^4$
- \_\_\_\_\_ 10. Write 0.00000347 in scientific notation. j. 8,960,000

