

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

## Scientific Notation

**Write each exponent in standard form.**

a.  $10^2 =$  \_\_\_\_\_

b.  $10^3 =$  \_\_\_\_\_

c.  $10^4 =$  \_\_\_\_\_

d.  $10^5 =$  \_\_\_\_\_

**Write each number in standard form.**

e.  $7 \times 10^2 =$  \_\_\_\_\_

f.  $6 \times 10^3 =$  \_\_\_\_\_

g.  $9 \times 10^3 =$  \_\_\_\_\_

h.  $2 \times 10^4 =$  \_\_\_\_\_

i.  $3 \times 10^3 =$  \_\_\_\_\_

j.  $5 \times 10^5 =$  \_\_\_\_\_

k.  $4 \times 10^5 =$  \_\_\_\_\_

l.  $8 \times 10^2 =$  \_\_\_\_\_

**Write each number in scientific notation.**

m.  $30,000 =$  \_\_\_\_\_

n.  $2,000 =$  \_\_\_\_\_

o.  $600,000 =$  \_\_\_\_\_

p.  $400 =$  \_\_\_\_\_

q.  $500 =$  \_\_\_\_\_

r.  $800,000 =$  \_\_\_\_\_

s.  $90,000 =$  \_\_\_\_\_

★ t.  $70,000,000 =$  \_\_\_\_\_

# ANSWER KEY

## Scientific Notation

Write each exponent in standard form.

a.  $10^2 = \underline{100}$

b.  $10^3 = \underline{1,000}$

c.  $10^4 = \underline{10,000}$

d.  $10^5 = \underline{100,000}$

Write each number in standard form.

e.  $7 \times 10^2 = \underline{700}$

f.  $6 \times 10^3 = \underline{6,000}$

g.  $9 \times 10^3 = \underline{9,000}$

h.  $2 \times 10^4 = \underline{20,000}$

i.  $3 \times 10^3 = \underline{3,000}$

j.  $5 \times 10^5 = \underline{500,000}$

k.  $4 \times 10^5 = \underline{400,000}$

l.  $8 \times 10^2 = \underline{800}$

Write each number in scientific notation.

m.  $30,000 = \underline{3 \times 10^4}$

n.  $2,000 = \underline{2 \times 10^3}$

o.  $600,000 = \underline{6 \times 10^5}$

p.  $400 = \underline{4 \times 10^2}$

q.  $500 = \underline{5 \times 10^2}$

r.  $800,000 = \underline{8 \times 10^5}$

s.  $90,000 = \underline{9 \times 10^4}$

★ t.  $70,000,000 = \underline{7 \times 10^7}$