

# Scientific Notation

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

Convert each of the numbers from scientific notation to real.

(1)  $7.3 \times 10^{-1}$

0.73

(9)  $8.8 \times 10^2$

\_\_\_\_\_

(2)  $5.5 \times 10^2$

\_\_\_\_\_

(10)  $7.2 \times 10^{-1}$

\_\_\_\_\_

(3)  $1.0 \times 10^2$

\_\_\_\_\_

(11)  $5.8 \times 10^1$

\_\_\_\_\_

(4)  $9.9 \times 10^{-1}$

\_\_\_\_\_

(12)  $6.5 \times 10^{-2}$

\_\_\_\_\_

(5)  $8.8 \times 10^{-2}$

\_\_\_\_\_

(13)  $7.3 \times 10^{-2}$

\_\_\_\_\_

(6)  $8.8 \times 10^2$

\_\_\_\_\_

(14)  $9.5 \times 10^{-1}$

\_\_\_\_\_

(7)  $8.8 \times 10^1$

\_\_\_\_\_

(15)  $9.1 \times 10^{-1}$

\_\_\_\_\_

(8)  $7.1 \times 10^1$

\_\_\_\_\_

(16)  $9.2 \times 10^1$

\_\_\_\_\_

Convert each of the numbers from real to scientific notation.

(17) 820

$8.2 \times 10^2$

(24) 76

\_\_\_\_\_

(18) 0.61

\_\_\_\_\_

(25) 540

\_\_\_\_\_

(19) 680

\_\_\_\_\_

(26) 87

\_\_\_\_\_

(20) 0.066

\_\_\_\_\_

(27) 0.67

\_\_\_\_\_

(21) 53

\_\_\_\_\_

(28) 0.077

\_\_\_\_\_

(22) 97

\_\_\_\_\_

(29) 770

\_\_\_\_\_

(23) 0.61

\_\_\_\_\_

(30) 0.057

\_\_\_\_\_

# Scientific Notation

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

**Convert each of the numbers from scientific notation to real.**

(1)  $9.8214 \times 10^{-3}$

0.0098214

(9)  $4.226 \times 10^{-6}$

\_\_\_\_\_

(2)  $9.6524 \times 10^{-1}$

\_\_\_\_\_

(10)  $1.497 \times 10^{-8}$

\_\_\_\_\_

(3)  $6.9601 \times 10^2$

\_\_\_\_\_

(11)  $1.9194 \times 10^8$

\_\_\_\_\_

(4)  $6.6839 \times 10^4$

\_\_\_\_\_

(12)  $8.9437 \times 10^{-7}$

\_\_\_\_\_

(5)  $8.0374 \times 10^{-7}$

\_\_\_\_\_

(13)  $6.1875 \times 10^1$

\_\_\_\_\_

(6)  $4.8854 \times 10^3$

\_\_\_\_\_

(14)  $5.2743 \times 10^4$

\_\_\_\_\_

(7)  $6.816 \times 10^4$

\_\_\_\_\_

(15)  $9.4634 \times 10^0$

\_\_\_\_\_

(8)  $9.1397 \times 10^{-5}$

\_\_\_\_\_

(16)  $1.2628 \times 10^{-5}$

\_\_\_\_\_

**Convert each of the numbers from real to scientific notation.**

(17) 0.0027469

$2.7469 \times 10^{-3}$

(24) 0.050936

\_\_\_\_\_

(18) 0.000000022036

\_\_\_\_\_

(25) 6,877,400

\_\_\_\_\_

(19) 0.26959

\_\_\_\_\_

(26) 0.000027794

\_\_\_\_\_

(20) 8,735,200

\_\_\_\_\_

(27) 510,700,000

\_\_\_\_\_

(21) 9,528,200

\_\_\_\_\_

(28) 721,150

\_\_\_\_\_

(22) 641,220

\_\_\_\_\_

(29) 3,294,400

\_\_\_\_\_

(23) 0.0000059461

\_\_\_\_\_

(30) 645,110

\_\_\_\_\_