

# Scientific Notation

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

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

(1)  $1.8016 \times 10^{-4}$

\_\_\_\_\_

(2)  $9.68 \times 10^4$

\_\_\_\_\_

(3)  $8.241 \times 10^{-5}$

\_\_\_\_\_

(4)  $7.631 \times 10^1$

\_\_\_\_\_

(5)  $9.026 \times 10^3$

\_\_\_\_\_

(6)  $2.551 \times 10^0$

\_\_\_\_\_

(7)  $1.8241 \times 10^{-1}$

\_\_\_\_\_

(8)  $1.684 \times 10^{-2}$

\_\_\_\_\_

(9)  $1.509 \times 10^{-4}$

\_\_\_\_\_

(10)  $1.6587 \times 10^2$

\_\_\_\_\_

(11)  $1.2409 \times 10^0$

\_\_\_\_\_

(12)  $2.856 \times 10^6$

\_\_\_\_\_

(13)  $1.0633 \times 10^6$

\_\_\_\_\_

(14)  $1.9422 \times 10^3$

\_\_\_\_\_

(15)  $1.8408 \times 10^0$

\_\_\_\_\_

(16)  $1.6322 \times 10^{-2}$

\_\_\_\_\_

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

(17) 0.00005489

\_\_\_\_\_

(18) 0.05265

\_\_\_\_\_

(19) 8,896

\_\_\_\_\_

(20) 0.0011312

\_\_\_\_\_

(21) 0.5467

\_\_\_\_\_

(22) 0.08129

\_\_\_\_\_

(23) 1,814,300

\_\_\_\_\_

(24) 0.010076

\_\_\_\_\_

(25) 0.0000986

\_\_\_\_\_

(26) 12,562

\_\_\_\_\_

(27) 1,736.8

\_\_\_\_\_

(28) 3,862,000

\_\_\_\_\_

(29) 104,200

\_\_\_\_\_

(30) 0.00012847

\_\_\_\_\_

# Scientific Notation

## ANSWER KEY

Convert each of the numbers from scientific notation to real.

(1)  $1.8016 \times 10^{-4}$

0.00018016

(2)  $9.68 \times 10^4$

96,800

(3)  $8.241 \times 10^{-5}$

0.00008241

(4)  $7.631 \times 10^1$

76.31

(5)  $9.026 \times 10^3$

9,026

(6)  $2.551 \times 10^0$

2.551

(7)  $1.8241 \times 10^{-1}$

0.18241

(8)  $1.684 \times 10^{-2}$

0.01684

(9)  $1.509 \times 10^{-4}$

0.0001509

(10)  $1.6587 \times 10^2$

165.87

(11)  $1.2409 \times 10^0$

1.2409

(12)  $2.856 \times 10^6$

2,856,000

(13)  $1.0633 \times 10^6$

1,063,300

(14)  $1.9422 \times 10^3$

1,942.2

(15)  $1.8408 \times 10^0$

1.8408

(16)  $1.6322 \times 10^{-2}$

0.016322

Convert each of the numbers from real to scientific notation.

(17) 0.00005489

$5.489 \times 10^{-5}$

(18) 0.05265

$5.265 \times 10^{-2}$

(19) 8,896

$8.896 \times 10^3$

(20) 0.0011312

$1.1312 \times 10^{-3}$

(21) 0.5467

$5.467 \times 10^{-1}$

(22) 0.08129

$8.129 \times 10^{-2}$

(23) 1,814,300

$1.8143 \times 10^6$

(24) 0.010076

$1.0076 \times 10^{-2}$

(25) 0.0000986

$9.86 \times 10^{-5}$

(26) 12,562

$1.2562 \times 10^4$

(27) 1,736.8

$1.7368 \times 10^3$

(28) 3,862,000

$3.862 \times 10^6$

(29) 104,200

$1.042 \times 10^5$

(30) 0.00012847

$1.2847 \times 10^{-4}$