

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

Convert each of the numbers from scientific notation to real.

(1)  $9.6595 \times 10^{-1}$

0.96595

(9)  $1.4163 \times 10^1$

\_\_\_\_\_

(2)  $4.6846 \times 10^{-5}$

\_\_\_\_\_

(10)  $9.3534 \times 10^5$

\_\_\_\_\_

(3)  $6.6915 \times 10^3$

\_\_\_\_\_

(11)  $9.6579 \times 10^2$

\_\_\_\_\_

(4)  $7.9981 \times 10^0$

\_\_\_\_\_

(12)  $9.3855 \times 10^3$

\_\_\_\_\_

(5)  $7.3043 \times 10^0$

\_\_\_\_\_

(13)  $1.5344 \times 10^4$

\_\_\_\_\_

(6)  $6.8741 \times 10^{-4}$

\_\_\_\_\_

(14)  $5.777 \times 10^{-8}$

\_\_\_\_\_

(7)  $6.2534 \times 10^{-3}$

\_\_\_\_\_

(15)  $1.5486 \times 10^7$

\_\_\_\_\_

(8)  $7.2394 \times 10^{-8}$

\_\_\_\_\_

(16)  $5.421 \times 10^{-8}$

\_\_\_\_\_

Convert each of the numbers from real to scientific notation.

(17) 0.009527

$9.527 \times 10^{-3}$

(24) 0.000000068935

\_\_\_\_\_

(18) 682.3

\_\_\_\_\_

(25) 42,083,000

\_\_\_\_\_

(19) 0.09862

\_\_\_\_\_

(26) 0.0000084362

\_\_\_\_\_

(20) 99,084

\_\_\_\_\_

(27) 0.0000049866

\_\_\_\_\_

(21) 10.849

\_\_\_\_\_

(28) 0.0094422

\_\_\_\_\_

(22) 5,140,200

\_\_\_\_\_

(29) 667,920

\_\_\_\_\_

(23) 0.00025466

\_\_\_\_\_

(30) 0.00000027066

\_\_\_\_\_

Write each number in e notation.

31. 62360 = \_\_\_\_\_

32. 147000 = \_\_\_\_\_

33. 0.01388 = \_\_\_\_\_

Please write each number in standard format.

34.  $2.1463e2$  = \_\_\_\_\_

35.  $2.86e-3$  = \_\_\_\_\_

36.  $7.62e-2$  = \_\_\_\_\_