

Scientific Notation

Name:

1. Write the following numbers in scientific notation:

a. 24,500

b. 534,200,000

c. 0.00000083

d. 0.00643

2. Write the following as a normal number (decimal form):

a. 7×10^4

b. 6.3×10^7

c. 2.84×10^{-3}

d. 3.6×10^{-8}

e. 1×10^5

f. 5×10^0

3. Calculate the following, use significant digits in your answers:

a. $(2.3 \times 10^6) \times (9.4 \times 10^2)$

b. $(4.92 \times 10^3) \times (6.19 \times 10^{-4})$

c. $(4.68 \times 10^5) / (9.423 \times 10^{-3})$

d. $(9.55 \times 10^{-5}) / (8.14 \times 10^4)$