Monday Homework

1 How would 4,500,000 be expressed in scientific notation?

   A 4.5×10^6

   B 4.5×10^7

   C 4.5×10^5

   D 450×10^4

2 How would 0.0000326 be expressed in scientific notation?

   F 3.26×10^5

   G 3.26×10^{-5}

   H 3.26×10^{-4}

   J 3.26×10^4

3 $5.624 \times 10^{-4} = \Box$

   A 0.005624

   B 0.0005624

   C 5,624

   D 56,240

4 $500,000 \times 6,000 = \Box$

   F 3×10^6

   G 3×10^7

   H 3×10^8

   J 3×10^9

5 A microsecond is equal to 10^{-6} seconds. What is the decimal form for 7 microseconds?

   A 7,000,000

   B 0.7000006

   C 0.000007

   D 0.0000007

6 The planet Mars is 710,000,000 miles from the sun. What is this distance expressed in scientific notation?

   F 7.1×10^8 miles

   G 7.1×10^7 miles

   H 7.1×10^6 miles

   J 7.1×10^{-7} miles

7 A micron is a unit of measurement equivalent to 0.000039 inch. What is this distance expressed in scientific notation?

   A 0.39×10^{-4} inch

   B 3.9×10^{-4} inch

   C 3.9×10^{-5} inch

   D 3.9×10^{-6} inch