

Monday

1. Write 7,100,000 in scientific notation.
2. Write 0.0000512 in scientific notation.
3. Write 4.583×10^{-3} in decimal notation.

Tuesday

1. What is $500,000 \times 6,000$?
2. The planet Saturn is about 875,000,000 miles from the sun. What is this distance expressed in scientific notation.
3. A microsecond is equal to 10^{-6} seconds. What number is equivalent to 5 microseconds?

Wednesday

1. A nanometer is a unit of measure equivalent to 0.000000039 inch. Express this number in scientific notation.
2. The star Dio is said to be 8,200,000 light years from the Earth. What is this distance in scientific notation?
3. What is 100×10^0 ?

Thursday

1. Simplify $\frac{4.44 \times 10^5}{1.11 \times 10^3}$
2. Simplify $(9 \times 10^4) \div (3 \times 10^3)$
3. Simplify $(2.6 \times 10^4) \times (4.5 \times 10^3)$

Friday

1. Elena's van gets 28 miles per gallon of gasoline in highway driving and 17 miles per gallon in the city driving. During her vacation, she drove 840 miles on highways, then 68 miles in the city, and finally another 840 miles on highways. How many gallons of gasoline did she use on her vacation?
2. Jerry bikes 2 miles every day to school and another 2 miles to get home. On weekends he bikes an average of 18 miles for pleasure. How many miles will he bike in 12 school days and 3 weekends?
3. Jay bought two tickets to a concert at a cost of \$23.95 each. How much change did he get from three \$20 bills?