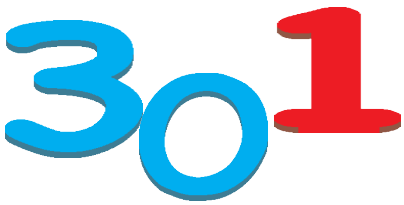

Place Value:

1. What is the value of the underlined digit?

a) 2<u>9</u>8 548 654 231 b) 520 4<u>8</u>3 293 c) <u>4</u>00 783 863 482 765

d) 67<u>4</u> 957 d) 93<u>5</u> 392 543 d) <u>6</u>5 795 433

2. Write the following numbers into expanded and word form:

a) 7 805 765 b) 431 394 453 322 c) 700 003 983 002 300

3. Write the following numbers into standard form:

a) Five hundred two trillion eight hundred twenty six billion seven hundred forty two.

b) nine million thirty thousand one hundred eleven.

c) twenty one thousand five hundred fifty five.

4. It is delivery day at the store Sally and Shelby work at in Miramichi. In the truck, there are 143 boxes with 50 chocolate bars in each, 87 boxes with 125 packets of candy and 80 cases of water with 36 bottles in each case. If the girls need to take each item out and put it on the store shelves, how many items in total will they need to put away?

Math is Fun!!

Place Value and Decimals:

(Please see below for a place value chart to help you answer the following questions).

1. What is the value of the underlined digit?

a) 5.4<u>3</u>6 b) 23.768<u>9</u> c) 0.5132<u>3</u>8

d) 0.<u>5</u>0045 e) 395.8205<u>3</u> f) 72.0<u>9</u>0

2. Write the following numbers in both expanded and word form:

a) 2.9374 b) 53.2403 c) 0.254973

3. Write the following numbers into standard form.

a) forty seven and four thousand three hundred twenty nine ten thousand<u>ths</u>.

b) three hundred sixteen thousands nine hundred seventy four million<u>ths</u>.

c) one hundred eight five and sixty four hundred<u>ths</u>.

Examples:

In <u>word form</u>: seven and four hundred twenty five thousandths

In <u>standard form</u>: 7.425

In <u>expanded form</u>: 7 + 0.4 + 0.02 + 0.005

<u>Tip:</u>

- Remember that the last word like thousandths, millionths and so on, will indicate where you should place your last digit. For example: If it says eighty nine hundred thousandths, you know that your 9 needs to be in the hundred thousandths place, and your 8 will be in the ten thousandths place. (0.00089).

Place Value Chart

tens	ones	● (and)	tenths	hundredths	thousandths	ten thousandths	hundred thousandths	millionths

Multiplication with Decimals

1a) 4.63
X 4

b) 9.74
X 8

c) 5.90
X 3

d) 3.42
X 7

e) 6.49
X 2

f) 8.20
X 5

2a) 0.345
X 8

b) 0.257
X 3

c) 0.094
X 6

d) 0.690
X 9

e) 0.018
X 2

f) 0.182
X 4

3a) 0.5
X 5

b) 0.07
X 6

c) 0.25
X 2

d) 0.15
X 4

e) 0.009
X 9

f) 0.30
X 8

4a) 67
X 23

b) 42
X 94

c) 75
X 58

d) 97
X 35

e) 45
X 87

f) 12
X 19

How to multiply 2 digit numbers:

39
X 42

Step 1: Multiply 9 X 2 = 18

Step 2: Multiply 9 x 40= 360

Step 3: Multiply 30 X 2= 60

Step 4: Multiply 30 X 40= 1200

Step 5: Add 18+360+60+1200= 1638

5. The Norton family went on a family vacation. On their vacation they saw a basketball show that cost $78.00 per person, a hockey game that cost $179.00 per person and went to an aquarium that cost $22.00 per person. The hotel bill was $520.00. What was the total cost of the vacation if 4 people went on the trip?