**Assignment 1.1: Working with Whole Numbers**

Complete the Following Problems. Be sure to show all work.

1. For each whole number, determine the place value of the digit 1.
2. 197

In this number, 1 is at hundreds place as it is third from right.

1. 910,398

In this number, 1 is at ten thousands place as it is fifth from right

1. 1,029,933

In this number, 1 is at millions place as it is seventh from right

1. 203,391

In this number, 1 is at ones place as it is first from right.

1. 3,103,929
2. In this number, 1 is at hundred thousands place as it is sixth from right.
3. Write each whole number in expanded form.
4. 549

5\*100+4\*10+9\*1

1. 1,093

1\*1000+0\*100+9\*10+3\*1

1. 239,519

2\*100000+3\*10000+9\*1000+5\*100+1\*10+9\*1

1. Round each whole number to the given place.
2. 732 to the nearest hundred

700 since 32 is less than 50

1. 91,359 to the nearest ten

91360 as 9 is greater than 5

1. 29,499 to the nearest thousand

29000 as 499 is less than 500

1. Add.
2. 63 + 49

112

1. 6 + 17 + 24

47

1. 45 + 1029 + 769 + 5000

6843

1. 444467
2. Subtract.
3. 931 – 120

711

1. 657 – 275

382

1. 

2593

1. 

 34083

1. Multiply.
2. 5(615)

3075

1. 

10431

c.  36612

d.  168732

7) Divide.

1.  13
2.  Undefined
3.  0
4.  880
5.  616
6. 

 5492

1. Write using exponential notation.
2. 

3^5

1. 

13^3

1. 

5^3\*4^2

1. Evaluate.
2. 

64

1. 

625

1. 

36

1. Find each square root.
2. 

9

1. 

13

1. Simplify.
2. 

50

1. 
2. -27
3. 

21

1. 

-4

1. 

13

\*The similarity index is high because this is a numerical solution.