Grade 9 Math

November MID-TERM EXAM PREPARATION

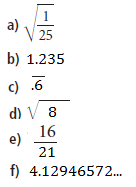
CHAPTER 3 – RATIONAL NUMBERS

Define the following terms:

Rational Number:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Irrational Number:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

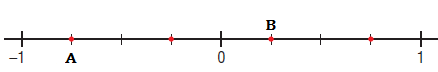
1. Which numbers are rational numbers? Why or why not?



2. Write the rational number represented by each letter on the number line, as a fraction and as a decimal.

B=

A =



B=

C=

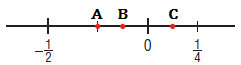
A =



A =

B=

This one is going to make you think!!



C=

3. Write 3 rational numbers between each pair of numbers. Sketch a number line to show all the rational numbers. Place them on a number line.

a) -5 and -6

b) 2.4 and 2.5

4. Order the numbers from least to greatest.

a) 

b) 

5. Find the sum.









6. Determine each product or quotient.

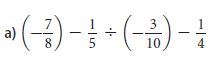








7. Evaluate

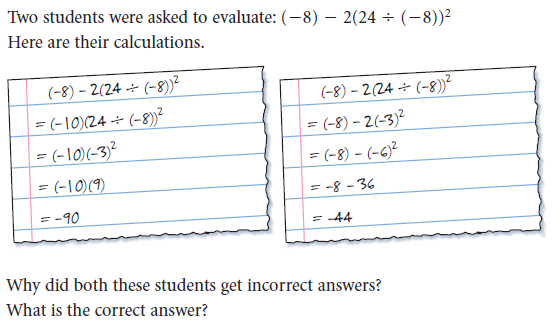








8.



9. To pay for a skiing holiday in Whistler, Paige borrowed $1450.50 from her parents. She pays back $30.75 each week. How many weeks will it be until Paige is no longer in debt? Justify your answer