Name:

QUIZ 7 – MATH GRADE 9

1. (6%) Rational numbers are: _____

2. (10%) True or False (–4% for wrong answer, –2% for no answer):

a) Some Natural numbers are Real, some are not _____

b) Some Real numbers are Irrational _____

c) Natural numbers can be written as fractions _____

d) Write down a number that is real but not Integer: _____

e) Write down a number that is Natural but not Integer: _____

3. (18%) Fill the chart with yes or no (<u>a row has to be correct to obtain credit</u>):

Number	Natural	Integer	Rational	Real
–0.1223334444…				
–1556				
$\sqrt[3]{27}$				

4. (16%) Fill the gaps with appropriate numbers and yes or no where missing (<u>a row has to be correct to obtain credit</u>):

Number	Natural	Integer	Rational	Real
	yes	no		
	no	yes		
	no		yes	
			no	

5. (20%)
   a. (8%) Fill the diagram with the appropriate Name and Letter:

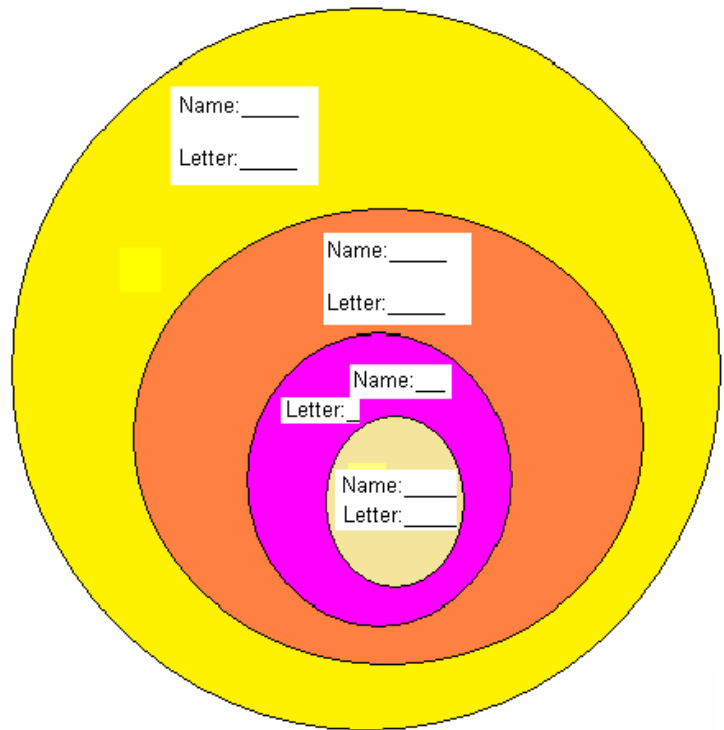   b. (12%) Write each one of the following numbers in the appropriate place:

   0.558

   -1

   22

   $\sqrt[3]{-8}$

   $\sqrt{7}$

   $\dfrac{6}{2}$

Name:_____
Letter:_____

Name:_____
Letter:_____

Name:___
Letter:___

Name:_____
Letter:_____

6. (30%) <u>If possible</u>, convert the following decimal numbers into fractions, if not possible, explain why:

   a. (5%) 12.0102030405… =

   d. (7%) 1.211211…=

   b. (5%) 0.777…=

   e. (8%) 2.1889889889…=

   c. (5%) 0.777 =