

Name:

## QUIZ – MATH GRADE 11SL

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 (a row has to be correct to obtain credit):

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

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

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

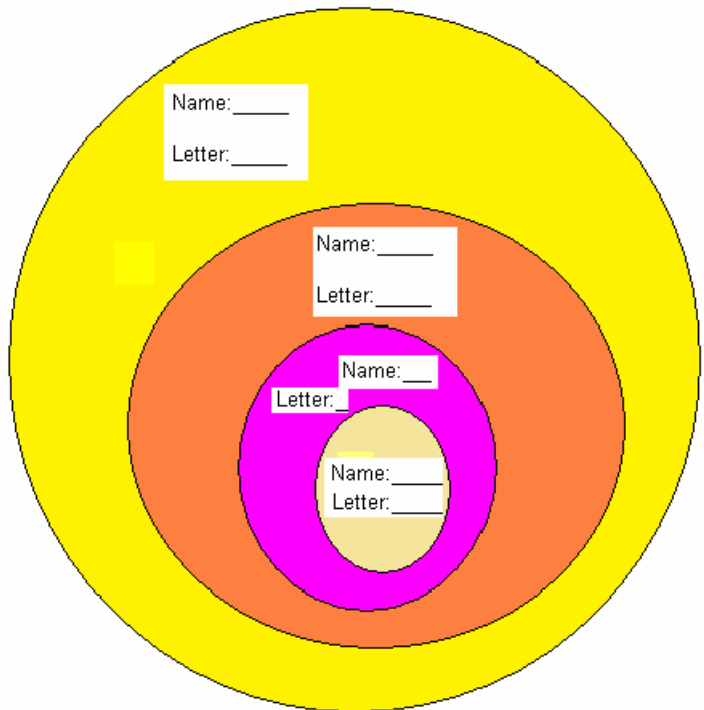
-1

22

$\sqrt[3]{-8}$

$\sqrt{7}$

$\frac{6}{2}$



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

a. (5%)  $12.0102030405\dots =$

d. (7%)  $1.211211\dots =$

b. (5%)  $0.777\dots =$

e. (8%)  $2.1889889889\dots =$

c. (5%)  $0.777 =$