

Warm Up

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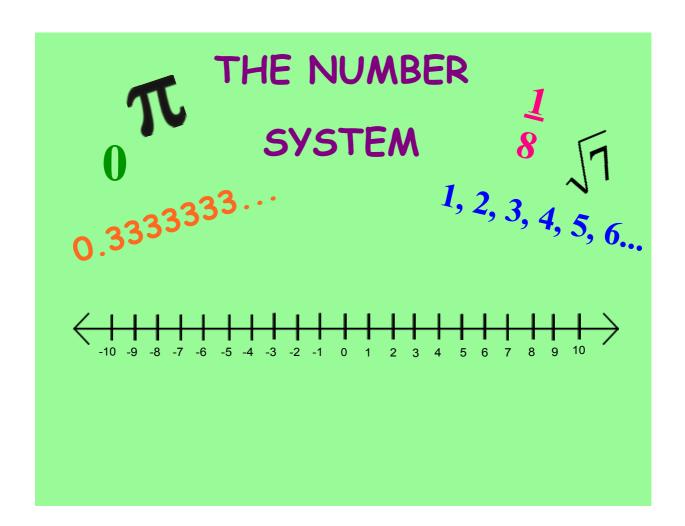
Solve Each of The Following In Your Notebooks

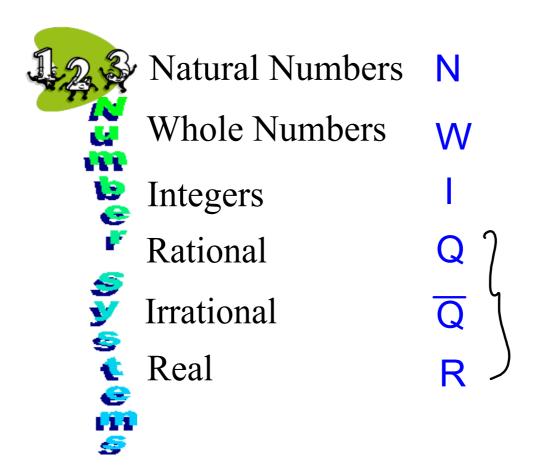
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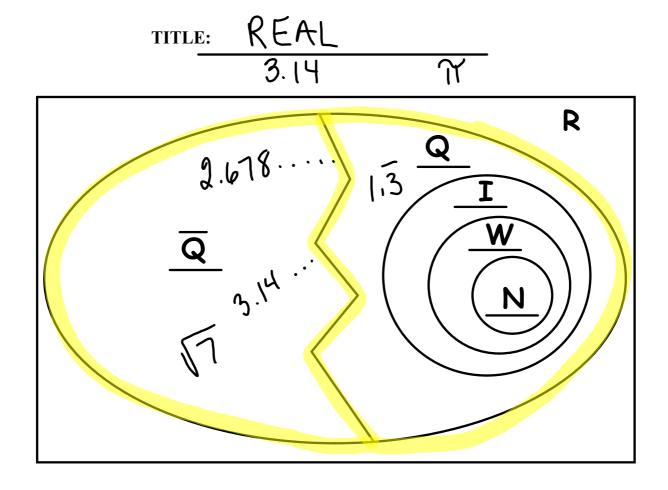
2)  $10 \times 5 + 3(12-3) =$   $10 \times 5 + 3(12-3) =$  50 + 27 =

50 77

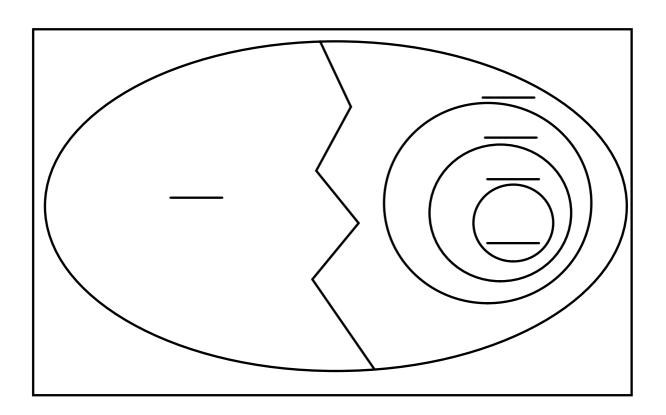








TITLE:



## THE NUMBER SYSTEM

Natural Numbers : All positive non-zero numbers
Counting numbers Ex. 1, 2, 3 etc

Whole Numbers: Counting numbers including zero. Ex. 0, 1, 2, 3, etc

Integers: Are all positive and negative whole numbers.
(Remember zero is neither negative or positive)

Ex: ....3,2,1,0,-1-2,-3...

Rational Numbers: All whole numbers, fractions, mixed numbers, decimals and their negatives
The decimal must repeat or terminate also.
Ex: 1/3, 4, 3/4

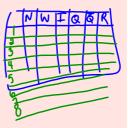
**Irrational Numbers:** Decimals that never terminate or repeat.

Irrational Numbers: Decimals that never terminate or repeat.

Ex:  $\sqrt{2}$ 

Real Numbers: All rational and irrational numbers are real numbers

Ex: All possible numbers



## **Exercise**

Complete the table

	N	W	I	Q	Q	R
1.5				/		
<b>2</b> ·_2						
$\frac{3}{4}$				<b>/</b>		/
<del>4</del> -1.3				<b>✓</b>		/
5·√7	,				$\checkmark$	/
6·195	J	V		J		J

REINFORCEMENT OF TODAY'S CONCEPTS:

Study your notes on the number system for tomorrow's quiz!