Integers, Place value

Place Value: The value of each digit in the number.

Example. 9 123 456 Start from the right and make group of three.

9	1	2	3	4	5	6
Million	Hundred	Ten thousand	Thousand	Hundred	Tens	Unit
	thousand					

So we can write this number as Nine million one hundred twenty-three thousand four hundred and fifty six.

Positive Integer – Any positive whole number like 2, 15, 20.

Negative Integer – Any negative whole number like -2, -7, -25.

Exeercise:1

1. Mary has four number cards: (7), (2), (1), (9). She is asked to arrange them in order to make different, four-digit numbers.						
a) Which is the smallest number Mary can make?						
b) Which is the largest number Mary can make?						
c) Find the difference between the largest and the smallest number						
d) Find the sum of the largest and the smallest number.						
2. In the number 7 213 456, the figure 3 has the value of 3000.						
a) What is the value of the 2?						
b) What is the place value of 7?						
c) What is the place value of 4?						
Write these numbers into words.						
3. 53246						
4. 20355 <u>0</u>						
5. 111225						
6. 3025586						

7. Write the following number two - in figures:	er - three million, fifty-six thou	usand, one hundred and					
8. Define integers and write one positive integer and one negative integer?							
9. Is 0 a whole number?							
10-12. Write the integer that	at makes the following senter	ce true:					
10a)+ - 9 =-3	11a) 2 × ⁻ 3 =	12a)× ⁻ 7 = 49					
b) + ⁻ 4 = ⁻ 6	b) ⁻ 2 × ⁻ 3 =	b) × ⁻ 6 = 48					
c) + 9 = -3	c) ⁻ 3 × 5 =	c) × 2 = ⁻ 12					
d) + ⁻ 2 = 3	d) ⁻ 9 × ⁻ 6 =	d) × ⁻ 4 = ⁻ 16					
13. Is 70 – -39 positive or negative?							
14. Is -4 × 11 positive or neg	gative?						
15. Simplify: a) 6 + -4 + 13 - 6 =	b) ⁻ 6 + -3	- 10 + 8 =					
c) $5 + ^{-}9 + 4 - 6 = $ d) $7 + 8 - 8 - 9 =$							
18. While hiking, Ruth went up 200 meters. If Ruth started at 200 meters above sea level, which integer represents her elevation now?							
The state of the s	ents a prime number, then 2 <i>i</i> aple to explain why she is wr						
20. Sandra is thinking of two Her two numbers have a ne Give an example of what he	gative sum, but a positive	oroduct.					
(b) Mark is also thinking of two numbers. His two numbers have a positive sum , but a negative product . Give an example of what his numbers could be.							
		and					