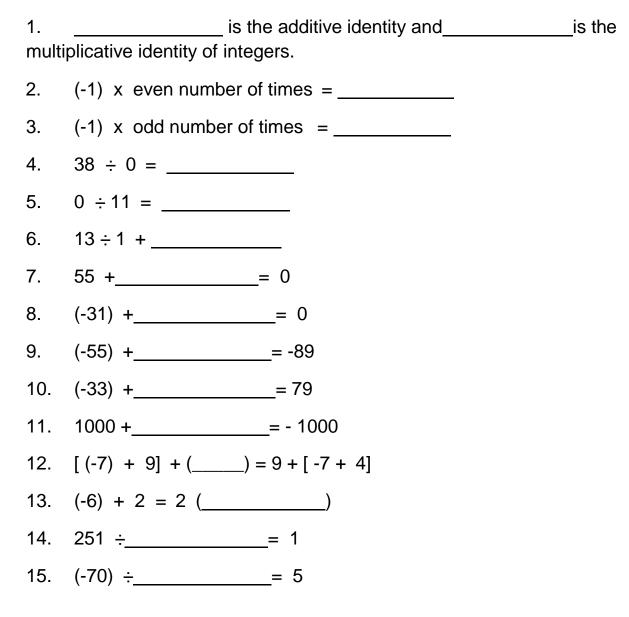
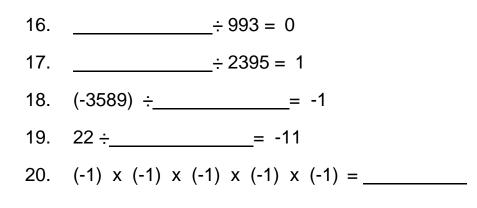
## WORKSHEET CLASS :VII MATHEMATICS

Chap.	1	: INTEGERS	MODULE -1/2

## **FILL IN THE BLANKS**





## I ANSWER THE FOLLOWING :

1. A man travelled 30 km east of a place A and reached B. From B he travelled 60 km west of B and reached C. Find the distance of C from A.

2. A man has Rs. 20,000 in his account in a bank. He withdraws Rs. 3000 per month for the first two months and deposits double of this amount on third month. What will be the balance in his account after 3 months?

3. Verify a - (-b) = a + b for the following values of a

and b. i) a = -17 b = +15 ii) a = 50 b = 21

4. Use >, < OR = symbols in the blank space in each of the following

a. 
$$(-3) - (-5)$$
  $(-4) + (-9)$   
b. 71 -2 - 31 71 - 2 +31  
c. 39 + (-35) - (58) 37 + (-11) - (+26)  
d. 23 + (-8) - 7 9 - 13 + 12

5. The temperature at a place rises from  $-20^{\circ}$ c to  $20^{\circ}$ c. What is the rise in temperature ?

6. A place P is 82 m above the Sea level and another place is 13 m below the Sea level. What is the distance between the two places?

7.	Write down a pair of integers whose				
	i) sum is -6	ii) difference -8			
	iii) difference 3	iv) sum 0			
8.	Write a negative integer and a positive integer whose				
	a) sum -9 b) c	difference -4	c) sum 0		
9.	Find the value of each of the following products				
	i) (-3) x 15	ii) 4 x (-13)	iii) (-23) x (-31)		
	iv) (-3) x (-2) x 7	v) 2 x (-3) x (-1)	x (-5)		
	vi) (-259) x (-51) x	0 vii) (-8) x 2	x (-3) x 5 x (-1)		
	viii) (-2) x (-4) x 0 x	(-6) x (-8) ix) (	-5) x (-3) x (-4) x (-6) x (-7)		

10. Verify the following

i) (-25) x [ (-7) + (-15)] = [ (-25) x (-7)] + [ (-25) x (-15)]

ii)  $(-7) \times [(-8) + 9] = [-7 \times (-8)] + [(-7) \times 9]$ 

## 11. What will be the sign of the product a x b if

i) a is the product of 5 positive integers and b is the product of 9 negative integers.

ii) a is the product of 6 positive integers and b is the product of 8 negative integers.

iii) a is positive and be is the product of 50 negative integers.

12. Find the value of a if product of a with -

1 is i) 200 ii) 0 iii) -300

13. Find the product using suitable

proportion :- a. 8759 x 2391 - 2391 x 7759

b. (-9785) x 937 + (-215) x 937

c. 35 x (-25) x (-4) x 10

14. Find the value of each of the following

i)  $39 \div (-13)$  ii)  $(-729) \div 9$  iii)  $(-144) \div (-12)$ iv)  $(-20000) \div (-200)$  v)  $20513 \div (-1)$ v)  $(-49) \div [(-48) + (-1)$  vii)  $[84 \div (-12)] \div 7$ viii)  $[(-10) + 5] \div [20 + (-15)]$ 

15. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer

i) Rohan answered all questions and scored 24 marks though he got 8 correct answers.

ii) Smitha answered all questions and scored (-15) marks though he got 3 correct answers. How many incorrect answer had they attempted?

16. In a class test containing 15 questions 4 marks are given for every correct answer and (-1) marks are given for every incorrect answer.

i) Gokul attempts all questions but only 6 of his answers are correct. What is his total score?

ii) Neena gets 12 of her answers correct. What will be her score?