INDIAN SCHOOL AL WADI AL KABIR

Class VII, Mathematics ***Worksheet- MULTIPLICATION OF INTEGERS***

02-07-2020

OBJECTIVE TYPE (1 Mark)

Q.1.	The value of 3 × (-2) ×(-8)							
	A	(-48)	B	48	C	32	D	(-32)
Q.2.	The property used in [(-3) + (-19)] × 21 = (-3) ×21 + (-19) ×21							
	A	Associativity	B	Commutativity	C	Identity	D	Distributivity
Q.3.	The product of (-25) × (-10) ×(-4) is							
	A	1000	B	-1000	***C***	1	D	-100
Q.4.	If a ×(-1) = (-30),then integer a is							
	A	positive	B	negative	C	Either positive or negative	D	None of these s
Q.5.	If (-1) multiplied itself 95 times the result will be							
	A	1	B	-1	C	0	D	95
Q.6.	Which pair of integers does not have product equal to 36							
	A	(-4 , -9)	B	(-3,-12)	C	(1,36)	D	(-6,6)
Q.7.	(-43)× (-99) + 43 is equal to							
	A	4300	B	-4300	C	4257	D	-4214
Q8.	(-11) × 11 is not equal to							
	A	11 ×(-11)	B	-(11 × 11)	C	(-11) × (-11)	D	11 × (-11)
Q9	The product of (-15) , 2 and (-2) is							
	A	-60	B	60	C	30	D	-30
Q10	The multiplicative identity for integers							
	A	Zero	B	1	C	-1	D	Does not exist

SECTION B Fill in the blanks (1) marks)	
Q11.	The product of (-45) ×20 is ----------
Q12.	The product of five negative numbers is ----------
Q13.	The property used in (-19) ×125 = 125 × (-19) is --------
Q14.	The product of 66 and (-1) is ----------
Q15	The product of 2 ×(-3)×4×(-5) ----------
SECTION C(3 mark)	
Q16	A submarine moved from water surface a speed of -20m per minute. How far is the submarine from the water surface at the end of 7 minutes?
Q17	Find the product by distributive property: (-375) × 104
Q18	In a class test containing 10 questions, 4 marks are awarded for every correct answers (-2) marks are awarded for every incorrect answers and 0 for questions not attempted. Manu gets 4 correct answers and 6 incorrect answers what is his total score?
Q19	A shopkeeper earns a profit of ₹ 2 by selling a book and makes a loss ₹ 1 per pen while clearing the old stock. He sold 35 books & 28 pens. He earns profit or loss? By how much?
Q20	Verify that 25 x [7 + (-3)] = 25x7 + 25x (-3)
Q21	Simplify by using property: (-1487)× 327 + 487 ×327
Q22	When a = 15 ,b = (-3) and c= (-4) verify that (1) a × b = b × a (2) (a × b) × c = a × (b × c) (3) a × (b +c) = a × b + a × c
Q23	Find by using distributive property : (-123) × 87 + (-13) × 123
Q24	A certain freezing process requires that the temperature be lowered from 30^0 C at the rate of 3^0 C every hour. What will be temperature after 8 hours?
Q25.	Find by using property: 25 ×(-6050) × 4

ANSWERS					
ANSWERS	1. A	2. D	3. B	4. A	5. B
	6. D	7. A	8. C	9. B	10. B
	11. (-900)	12. Negative	13. Commutativity	14. (-66)	15. 120
	16. 140 m down	17. (-39000)	18. 4	19. ₹42 profit	20.
	21. (-327000)	22.	23. (-12300)	24. 6^0C	25. (-605000)