

CLASS: VII**TERM: I****SUB: MATHEMATICS****UNIT-1: Integers****TOPIC: Associative property [Multiplication]****Name:****Objective: To understand Associative property of integers under multiplication is always true.**

S.NO	Integers	sum	comparison	Result
1	$a = -15$ $b = 6$ $c = 9$	$(a \times b) \times c =$ $a \times (b \times c) =$	$(a \times b) \times c$ $a \times (b \times c)$	
2	$a = -11$ $b = -3$ $c = -4$	$(a \times b) \times c =$ $a \times (b \times c) =$	$(a \times b) \times c$ $a \times (b \times c)$	
3	$a = 6$ $b = 9$ $c = -8$	$(a \times b) \times c =$ $a \times (b \times c) =$	$(a \times b) \times c$ $a \times (b \times c)$	
4	$a = 6$ $b = 7$ $c = 0$	$(a \times b) \times c =$ $a \times (b \times c) =$	$(a \times b) \times c$ $a \times (b \times c)$	
5	$a = -1$ $b = -9$ $c = -7$	$(a \times b) \times c =$ $a \times (b \times c) =$	$(a \times b) \times c$ $a \times (b \times c)$	

S.NO	Integers	sum	comparison	Result
6	a = 13 b = 14 c = 21	(a x b) x c = a x (b x c) =	(a x b) x c a x (b x c)	
7	a = 17 b = 16 c = 9	(a x b) x c = a x (b x c) =	(a x b) x c a x (b x c)	
8	a = 15 b = 7 c = -18	(a x b) x c = a x (b x c) =	(a x b) x c a x (b x c)	
9	a = 24 b = 14 c = -23	(a x b) x c = a x (b x c) =	(a x b) x c a x (b x c)	
10	a = 6 b = 8 c = 4	(a x b) x c = a x (b x c) =	(a x b) x c a x (b x c)	