



NAME OF THE STUDENT :

CLASS :6

SEC :

DATE : 16.12.2018



SUB: MATHEMATICS

TOPIC : ALGEBRA

WORKSHEET NO : 04

S.NO	MCQ	ANSWER
1	The constant in the expression $12xy + 8$ is ___ a) 12 b) 8 c) x d) y	
2	The expression for 'p' subtracted from 6 is ___ a) $p - 6$ b) $6 + p$ c) $6 - p$ d) $6p$	
3	The value of the expression $4b + 5$ when $b = 0$ is ___ a) 5 b) 9 c) 0 d) 4	
4	The numerical coefficient of $-t$ is _____ a) 1 b) 2 c) 0 d) -1	
5	The solution of $8y = 48$ is _____ a) 40 b) 6 c) 56 d) 8	

S.NO	FILL IN THE BLANKS	ANSWER
6	The literal coefficient of the term '15 t' is _____	
7	The algebraic expression for 'twice of x added to thrice of y' is _____	
8	If the side of a square is l cm then its perimeter is _____	
9	The total number of students in a class with 23 girls and 'y' boys is _____	
10	The LHS of $3a + 1 = 5a$ is _____	

S.NO	ANSWER THE FOLLOWING QUESTIONS
11	Write the algebraic expressions for the following: a) 25 taken away from 10 times a number 'q' b) 6 times a number 'p' increased by 8 c) 5 more than thrice the number 'b' d) twice of a number 'm' divided by 4
12	Find the value of the following expressions when $x = 4$, a) $3x + 4$ b) $2x - 3$ c) $\frac{5x}{4}$ d) $-6x$
13	If the cost of a bread loaf is ₹m, find the cost of : a) butter which is ₹8 more than the cost of the bread loaf b) 1 litre milk that is 3 times the cost of the bread loaf c) 1 kg rice that is ₹ 75 more than twice the cost of the bread loaf d) a pen that costs ₹ 15 less than four times the cost of the bread loaf
14	A ball and a kite cost ₹ 75. If the ball costs ₹ b, what is the cost of the kite?
15	Satvik's present age is 'y' years. Find: a) His age after 10 years b) His age 6 years ago c) His mother's age is 5 years more than three times his age d) His grandma's age is 5 times of his age
16	Check if $a = 6$ is the solution of the equation $10a - 6 = 54$.
17	Solve: a) $15n = 120$ b) $x - 16 = -10$
18	5 subtracted from 'n' gives 35. Find the value of 'n'.

INDIAN SCHOOL MUSCAT – MIDDLE SECTION – DEPARTMENT OF MATHEMATICS
CLASS 6 – MATHEMATICS – PORTION FOR SECOND PERIODIC TEST – (2018-19)

S. NO	TOPIC
1	DECIMALS
2	INTEGERS

