## INDIAN SCHOOL MUSCAT-MIDDLE SECTION-DEPARTMENT OF MATHEMATICS-(2018 -19)



NAME OF THE STUDENT:

CLASS:7 SEC:

**DATE: 04.09.18** 



SUB: MATHEMATICS REVISION WORKSHEET-2

S.NO	ANSWER THE FOLLOWING QUESTIONS				
1	Find the value of m which satifies the equation 5 - 3m = 5				
2	Write the equation for 'three times b subtracted from 7 gives 25'.				
3	Solve: i) $6(x-2) + 4 = 2(x+2) - 6$ ii) $(-4) = 6(-2+p) - 4(p-3)$				
4	Aditya is 3 years younger to his sister. If the sum of their ages is 27 years, what are their present ages?				
5	The sum of three consecutive multiples of 3 is 72. Find the numbers.				
6	Divide 48 into two parts such that twice of one part is equal to the other part.				
7	Two angles x and y form a linear pair. If $x = 65^{\circ}$ , find the value of y.				
8	Find the values of unknown angles  x 550 450				
9	Find the supplement and complement of 72°.				
10	Find unknown angles , the lines p and q are parallel				
11	Find the standard form of $\frac{24}{-72}$ .				
12	Represent the rational number $\frac{3}{-5}$ on a number line.				
13	List four rational numbers between $\frac{2}{-7}$ and $\frac{-1}{3}$ .				

14	Simplify: $\left[\frac{24}{-72} - \frac{16}{36}\right] \div \left[\frac{6}{18} \times \frac{8}{-4}\right]$				
15	Show the terms and factors by tree diagram -6p <sup>2</sup> q - 11pq <sup>3</sup> and write the numerical coefficient of each term also write the coefficient of p and coefficient of q				
16	Write the type of expression (i) 2x + 3x (ii) 2m - 4 + 3m (iii) 2p + 3q + 5 -q				
17	Add: 2m <sup>2</sup> – 6, 5m - 3m <sup>2</sup> + 3, -2m + 6				
18	Subtract -3x +6y -7 from the sum of 2x-3y +3 and -5y +6.				
19	Simplify the expression $(6p-2q+4)-(2q+3p-2)$ and then find the value if $p=(-1)$ and $q=(-2)$				
20	Find the seventh term of the expression $(n^2 - 1)$ .				
21	Simplify: (i) $2^2 + 3^2$ (ii) $(-3)^3 - (-2)^0$ (iii) $(4^0 + 5^0 + 7^0)^3$				
22	Simplify: (i) $2^2 + 3^2$ (ii) $(-3)^3 - (-2)^0$ (iii) $(4^0 + 5^0 + 7^0)^3$ Simplify: $\frac{12^4 \times 9^3 \times 4}{6^3 \times 8^2 \times 27}$				
23	Express 1331 × 297as the product of prime factors in exponential form.				
24	Write the standard form of a)3401000000 b)10234.5				
25	Write the usual form of a) $6.23 \times 10^7$ b) $1.234505 \times 10^4$				
26	Find the product of $(-1) \times (-20) \times (-4) \times 6$				
27	Find the product using suitable properties a)123 × (-69) + 22 × 69 – (-69) b) 659 × -1001				
28	Simplify: (a)[-60 ÷ -5] - [-20 - (-2)] (b) [-30 x -2 +15] ÷ [-3 - {-5 ×2} +8]				

INDIAN SCHOOL MUSCAT – MIDDLE SECTION – DEPARTMENT OF MATHEMATICS (2018-19)							
CLASS	07 PORTION FOR THE FIRST TERM EXAMINATION	<b>TOTAL MARKS - 80</b>					
S.NO	TOPIC						
1	INTEGERS						
2	RATIONAL NUMBERS						
3	LINES AND ANGLES						
4	EXPONENTS AND POWERS						
5	ALGEBRAIC EXPRESSIONS						
6	SIMPLE EQUATIONS						