INDIAN SCHOOL MUSCAT – MIDDLE SECTION – DEPARTMENT OF MATHEMATICS – TERM: 02 (2018 –2019)

NAME OF THE STUDENT: **CLASS: 6 SEC:** **SUB: MATHEMATICS**

DATE: 11- 02- 19 **REVISION WORKSHEET-01**

S.NO	MCQ	ANSWER
1	The equivalent fraction of $\frac{4}{11}$ with the denominator 55 is ____ a) $\frac{4}{11}$ b) $\frac{4}{55}$ c) $\frac{55}{11}$ d) $\frac{20}{55}$	
2	Which is greater among the given decimals? a) 3.07 b) 3.7 c) 3.77 d) 3.007	
3	The ages (in years) of 10 students of class 6 of a school are 12,11,12,13,13,12,11,12,11,13. The range of the data is_____ a) 13 b) 11 c) 2 d) 1	
4	If the perimeter of a square is 12m ,then its area is_____ a) 9 sq. m b) 144 sq. m c) 16 sq. m d) 12 sq. m	
5	Anju finished 3 sums more than Alok. If Alok finished 'x' sums ,then the number of sums finished by Anju is _____ a) 3x b) x + 3 c) x – 3 d) 3 – x	
6	On subtracting 533 from – 1035 we get _____ a) -502 b) 502 c) 1568 d) – 1568	

S.NO	FILL IN THE BLANKS	ANSWER
1	Four times the number subtracted from 13 is_____	
2	The place value of 7 in 642.873 is _____	
3	Express 0.24 as fraction =_____(lowest form)	
4	-783 + 0 = _____	
5	If a square sheet of paper has a perimeter of 36 cm ,then the length of the side is _____	
6	The simplest form of the ratio 75 cm to 1 m is = _____	

	ANSWER THE FOLLOWING QUESTIONS
1	Construct line segment PQ= 3.5cm and line segment AB=2.3cm .Construct another line segment MN= 2PQ –AB.
2	Convert the following : i) 5445 m to Km ii) 130 cm to metre iii) 725 paise into rupees
3	The boys: girls ratio in a school is 11:10.How many girls are there, if 605 boys are enrolled in School?
4	Simplify : a) - 10 – (3) + 7 b) -14 - (+33) – (- 41) c) 39 + (-26) + (-64) + (+55)
5	Write first five equivalent fraction of $\frac{6}{7}$
6	Radha wants to decorate a photo frame with a metal strip .If the length and the breadth of the photo frame are 45cm and 32cm respectively. Find the length of the strip required.
7	Arrange the following integers in i) Ascending order : -25 , -37, -55, -9, -65 ii)Descending order: 63, -47, 18 ,-31, -37

8	Construct the following angles using a compass and a ruler: i) 120° ii) 45°
9	Simplify $2\frac{7}{4} - 1\frac{5}{6} + \frac{3}{2}$
10	Construct a circle with centre'O'and radius 2.8cm.Draw any chord XY and construct a perpendicular bisector to it.
11	If the length of the rectangle is 24cm and its breadth is ½ of its length. Find the area and the perimeter of the rectangle.
12	Simplify 89.14 – 45.26 + 34.7
13	In school, there are five sections of class VI .The number of students in each section is given below. Construct a bar graph representing the data.

Section	A	B	C	D	E
Number of Students	35	40	48	45	39

14	Using the distributive property of whole numbers ,find the value of the following : a)3056 x 99 b) 178 x 38 + 178 x 62 c) 435 x 101
15	Find the value of the following expressions: a) 7a + 1 when a = - 2 b) 3x -5 when x = 4 c) 2a + b when a = 1 , b= -3
16	A submarine was situated 1500m below the sea level. If it ascends 250m, what is it new position.
17	The perimeter of a triangle is 15 $\frac{1}{7}$ m. If the sum of its two sides is 9 $\frac{1}{14}$ m, find the length of the third side.
18	Mona and sona have ribbons of length 3m 35 cm and 5m 75 cm. What is the difference of the length of the ribbons?
19	Give expressions for the following : i) 3 added to three times y ii) 5 times x subtracted from 7 iii) one half of 'y' iv) Quotient of p by q is added to the product of p and q
20	Find the sum of – 35, +27, –84 and +73.
21	The length of a rectangular room is 15 m and its width is 7.5m .Find the ratio of its length to its width.
22	The first, third and fourth terms of a proportion are 18, 9 and 5 respectively. Find the second term.
23	The cost of 8 kg of mangoes is Rs 192. How many kg of mangoes can be purchased for Rs 576?
24	Following are the number of members in 25 families in a village. 7,3,3,6,8,6,3,2,5,7,3,8,3,5,5,7,7,8,6,6,7,7,6,5,4. Prepare a frequency distribution table using tally marks and answer the following questions: a) What is the most common family size? b) What is the smallest family size? c) How many families is having members equal to or more than 7.

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PORTION FOR THE ANNUAL EXAMINATION –(2018-2019)

CLASS - 6 **MAX. MARKS: 80**

1	WHOLE NUMBERS (TOPIC FROM FIRST TERM)
2	FRACTIONS
3	DECIMAL NUMBERS
4	INTEGERS
5	INTRODUCTION TO ALGEBRA
6	MENSURATION
7	PRACTICAL GEOMETRY
8	RATIO AND PROPORTION
9	DATA HANDLING