NAME OF THE STUDENT :		CLASS :7 SEC : DATE : 25 .02.18

SUB: MATHEMATICS   **REVISION WORKSHEET-2**

S.NO	ANSWER THE FOLLOWING QUESTIONS
1	Solve: i) 3(x – 2) - x = 12 ii) Solve 3(x - 6)+ 7x = 5 (2x − 1)
2	Simplify i) 3.15 x 2.6 ii) 0.0052 x 1000 iii) 28.96 ÷ 100 iv) 4.41 ÷0.04
3	Find the number that can be decreased by 2 and then multiplied by 4 to get 16.
4	The 3 angles of a scalene triangle are x, (x- 12) and (2x +6). What are the measures of these angles.
5	In a right angled triangle ABC $\angle$ B = 90° $\angle$ A = 62°. Find the exterior angle $\angle$ ACD. (Draw a rough sketch to show the information.)
6	Divide 120 m in the ratio 2:3
7	Write :(a) The side opposite to the vertex Q of Δ PQR , (b) The angle opposite to the side LM of ΔLMN . (c)The vertex opposite the side RT of ΔRST (d)The longest side in Δ PQR ,right angled at P .
8	Draw a line parallel to the given line n at a distance of 4.8 cm away from it.
9	State the correspondence between the angles and sides in ΔEFG $\cong$ ΔRST
10	Find the whole quantity if 75% of it is 15.
11	An item was sold for Rs.540 at a loss off 5%, what was its cost price?
12	On a certain sum the simple interest paid after 3 years is Rs. 450 at 5% rate of interest per annum. Find the sum.
13	If you have Rs. 2400 in your account and the interest rate is 5%, after how many years would you earn Rs.240 as interest?
14	If Ram's salary is Rs. 50,000 per month, Ram spends 10% of his salary for helping the poor. Find how much salary he spends for helping the poor people?
15	Find the length of the diagonal of a rectangle whose sides are 16 m and 30 m.
16	If 3 students in class of 24 are absent. What percentage are present.
17	Mary ate 18 jelly beans. This was $\frac{2}{5}$ of the jellybeans in the packet. How many jelly beans remained.
18	Which is greater $\frac{-8}{5}$ or $\frac{-5}{3}$ (show working)
19	The length and breadth of a field is 110 m and 90 m respectively. If a road of width 5m built inside the field along the boundary, find the area of the road.
20	Simplify: a) i) $2\frac{3}{7} \div (2\frac{3}{4} \times \frac{9}{7})$ ii) $2\frac{1}{4} \div 1\frac{2}{3}$ ii) $1 \div \frac{5}{33}$ b) Find the additive inverse of $(\frac{9}{11} + \frac{-1}{11})$
21	A rectangle has one side of length 11.2 m and its perimeter is 39.8 m . Find the width of the rectangle .
22	A circle has circumference of length 44 m . Find its radius and area.
23	State whether the triangles with sides 6cm, 3cm, 8cm can be the sides of a right angled triangle.