School Name

Name : ……………………………… **Date** ……………… **Roll No.:** ………

Class : VIII   Div : …….   Subject : MATHS   Marks :20

MATHS : 2ND UNIT TEST

Q1 Divide and write the quotient and the remainder.   3

$$2x - 2 \;\Big)\; 4x^4 \quad -6x^3 \quad -2x^2 \quad +4x \quad -8$$

Q2 Prepare a frequency table and find out the mean.   3

1	2	3	4	5	6	8	8	3	4	5	6
4	4	4	5	6	7	4	5	3	7	8	6
7	8	2	3	4	5	3	4	3	6	7	6
5	8	5	6	7	8	2	3	3	5	6	6

Q3 Draw percentage bar graph for following data.   3

STD/Div	Total strength	Students passed in English
		I ▾
8A	56	42
8B	54	27
8C	50	23

Q4 Solve the following equations.   2
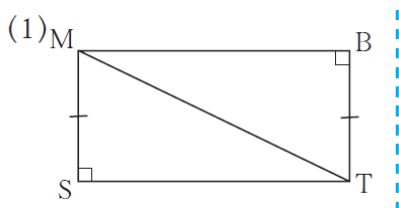
$$x + \frac{3}{9x} = x + \frac{15}{9}$$

Q5 Word problem.   3
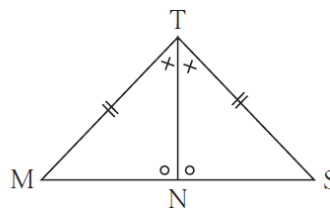
The length of a rectangle is twice its breadth.
If the perimeter is 72 meter,
find the length and breadth of the rectangle.

Q6 State the test and correspondence of vertices by which triangles in each pair are congruent .   2

(1) M ... B ... S ... T

2.

Q7 Do as directed.   4

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