



REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT- Maths

SESSION-2020-21

CLASS- VII

TOPIC: Simple Equation

I. Fill in the blanks:

5 marks

- A statement of equality which involves one or more variables is called an
- An equation in which the highest power of the variables involved is 1 is called a
- a term means changing its sign and taking it to the other side of the equation
- $3x - 6 = 8$, the value of $x = \dots$
- The value of the variable which makes the equation a true statement is called the very f the equation.

II. Write each of the following statement as an equation:

5 marks

- 5 times a number equals 40
- A number increased by 8 equals 15.
- A number divided by 8 gives 7.
- 5 subtracted from thrice a number is 16
- 9 exceeds a number x by 3

III. Solve the following equation and verify the answer in each case

6 marks

- $5x - 3 = x + 17$
- $2x - 1/2 = 3$
- $x/8 - 1/2 = x/6 - 2$

IV. Word problems

4 marks

- Q. The length of a rectangular plot exceeds its breadth by 5 meters. If the perimeter of the plot is 142 meters, find the dimensions of the plot.