

Class Notes	
Class: VII	Topic: Practice Worksheet CH – 4 – SIMPLE EQUATIONS
Subject: MATHEMATICS	

	Choose the correct option
1.	'Eight times m plus 3 gives 85' is written in equation form as A $3m + 8 = 85$ B $m + 24 = 85$ C $8(m + 3) = 85$ D $8m + 3 = 85$
2.	In an equation, the value of the following is not fixed: A variable B constant C term D none of these
3.	Leena is two years younger than Meena. If Meena is x years old, then age of Leena is A $x + 2$ B $x - 2$ C $2x$ D $\frac{x}{2}$
4.	The value of a variable which satisfies an equation is called its A solution B expression C inequality D error
5.	The solution of the equation $8p = 40$ is A 8 B 40 C 5 D 32
6.	The statement form of the equation $\frac{n}{3} + 3 = 8$ is A 3 added to a number is 8 B The sum of a number and 8 divided by 3 gives 8 C One third of the sum of a number and 3 gives 8 D One third of a number added to 3 gives 8
7.	$y = 7$ is a solution of the equation A $y + 2 = 5$ B $7y = 14$ C $y - 6 = 1$ D $\frac{y}{2} = 7$
8.	The solution of the equation $3x - 8 = 7$ is A 15 B 5 C 1 D $\frac{1}{3}$
9.	Shifting one term from one side of an equation to another side with a change of sign is known as A Commutativity B Transposition C Distributivity D Associativity
10.	The equation having 5 as a solution is: A $4x + 1 = 2$ B $3 - x = 8$ C $x - 5 = 3$ D $3 + x = 8$
11.	Which of the following numbers satisfy the equation $-6 + x = -12$? A 2 B 6 C -6 D -2
13.	Twice a number when increased by 8, gives 24. The number is A 6 B 7 C 8 D 11
14.	-1 is not a solution of the equation A $x + 1 = 0$ B $x - 1 = 2$ C $2y + 3 = 1$ D $2p + 7 = 5$
	SUBJECTIVE QUESTIONS
15.	Solve the following equations: A) $9m - 16 = 20$ B) $-3(x + 2) = 12$ C) $2y + \frac{7}{2} = \frac{35}{2}$ D) $5(2m - 2) = 12$
16.	Each of the 2 equal sides of an isosceles triangle is twice as large as the third side. If the perimeter of triangle is 30 cm. find the length of each equal sides of triangle.
17.	The length of a rectangle is 3 units more than breadth and perimeter is 22 units. Find the length and breadth of the rectangle.
18.	In a class of 35 students, the number of girls is two fifth of the number of boys. Find the number of girls and boys in the class