

Class Test	
Class: VII	Topic: SIMPLE EQUATIONS (Full Marks: 14)
Subject: MATHEMATICS	

Choose the correct option:

1x4=4

- 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) The value of a variable which satisfies an equation is called its
 A) solution B) expression C) inequality D) transposition
- 3) -1 is not a solution of the equation
 A) $x+1=0$ B) $x-1=2$ C) $2y+3=1$ D) $2p+7=5$
- 4) 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

5) Solve the equations:

2x2=4

- a) $\frac{x}{2} + \frac{x}{3} = x - 8$
- b) $\frac{y+1}{2y+3} = \frac{3}{8}$

Answer the following questions:

3x2=6

- 6) Each of the two 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.
- 7) 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.
