MCQ FOR CLASS 7 MATHEMATICS | Simple Equations – Chapter 4

1. The sum of three times x and 11 is 32. What is the equation of this statement?

A. $x + 11 = 32$
B. $3x + 11 = 32$
C. $3x + 32 = 11$

2. Convert the following equation in statement form:

$2n + 5 = 11$
A. Add 5 to two times n to get 11.
B. Add n to two times 5 to get 11.
C. Add 5 to n to get 11.

3. The solution of $8y = 32$ is ————-

A. 3
B. 4
C. 5

4. The sum of two times a number and 8 is 10. Find the number?

A. 1
B. 2
C. 3

5. The value of the variable for which the equation is satisfied is called the ———- of the equation.

A. Solution
B. Expression
C. Constant

6. Write the equation of the following statement: 2 subtracted from y is 6.

A. $6 - y = 2$
B. $y - 2 = 6$
C. $2 - y = 6$

7. The value of p in the equation $p + 6 = 10$ is ———-

A. 4
B. 5
C. 6

8. Manu's father's age is 4 years more than three times Manu's age. Find Manu's age, if his father is 46 years old.

A. 14
B. 15
C. 16

9. Set up an equation for the following: When I subtracted 9 from twice a number, the result was 11.

A. $x - 9 = 11$
B. $9 - 2x = 11$
C. $2x - 9 = 11$

10. Write the equation for the following statement: Six times m plus 8 gets you 66.

A. $6m + 8 = 66$
B. $m + 8 = 66$
C. $8m + 6 = 66$

ANSWERS:

1. $3x + 11 = 32$

2. Add 5 to two times n to get 11.

3. 4

4. $2x + 8 = 10$

$2x = 10 - 8 = 2$
$x = 2/2 = 1$

5. Solution

6. $y - 2 = 6$

7. $p + 6 = 10$
$P = 10 - 6 = 4$

8. Let Manu's age be x.
Then the equation is $3x + 4 = 46$
$3x = 46 - 4 = 42$
$x = 42/3 = 14$ years.

9. $2x - 9 = 11$

10. $6m + 8 = 66$