SNBP International & Senior Secondary School, Chikhali, Pune
Affiliation No. 1130703
Academic session 2024-25
WORKSHEET-04

Name: _____ **Date :**
Class: 7 Div: _____ **Subject: Math**
Prepared By: Ms. Snehal Devake **Ch 4 – Simple Equations**

Q.1) Choose the correct options.

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) 8 m + 3 = 85

2) The value of a variable which satisfies an equation is called its
a) solution b) expression c) inequality d) error

3) The solution of the equation 8 p = 40 is
a) 8 b) 40 c) 5 d) 32

4) y = 7 is a solution of the equation
a) y + 2 = 5 b) 7 y = 14 c) y – 6 = 1 d) $\frac{y}{2} = 7$

5) In an equation, there is always a/an
a) equality sign (=) b) greater than sign (>)
c) less than sign (<) d) division sign (/)

6) The value of a variable is
a) 0 b) 1 c) Fixed d) not fixed

7) Subtract 7 from thrice a number the result is 8. The equation form of the above statement is
a) 7x - 2 = 8 b) 8x - 2 = 7 c) 3x - 7 = 8 d) 2x - 8 = 7

Q.2) Check whether the value given in the brackets is a solution to the given equation or not.

a) p + 6 = 12 (p = 6) b) 3 n – 4 = 15 (n = 4)

Q.3) Write equations for the following statements.

a) 5 subtracted from y is 10. b) The number q divided by 7 gives 3.
c) Two-fifth of r is 12. d) 7 times t is 55.

Q.4) Solve the following equations by trail and error method.

a) 5 k + 2 = 12 b) 4 d – 20 = 4

Q.5) Write the following equations in statement forms.

a) t – 8 = 3 b) $\frac{n}{7} = 4$ c) s + 4 = 13 d) 3 x = 9

Q.6) Give first step you will use to separate the variable and then solve the equation.

a) 5 p = - 45 b) $\frac{t}{8} = 3$ c) $\frac{z}{5} = \frac{4}{7}$

d) 7 m + 4 = 42 e) 4 q – 8 = 0 f) $\frac{25\,p}{3} = 40$

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