

INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the Academic Year 2023-24

CLASS: VII SUBJECT: MATHEMATICS DATE: 22-06-2023

LESSON:4 – SIMPLE EQUATIONS

- Write the equations for the following statements:
 - 5 times of a number is 60
 - 12 subtracted from a number is 23
 - 14 added to three times of a number is 2
 - 8 is subtracted from one fourth of a number, it gives 1
 - One - sixth of a number is -6
- Write the following in the form of statements:
 - $3x = -21$
 - $x - 9 = 3$
 - $2x - 4 = 12$
 - $\frac{x}{3} + 1 = 6$
- Solve the equations by elimination method:
 - $x - 4 = -1$ (Ans: 3)
 - $9x = 6$ (Ans: $\frac{2}{3}$)
 - $\frac{x}{6} = -1$ (Ans: -6)
 - $6x + 1 = 7$ (Ans: 1)
 - $\frac{x}{2} + 6 = 1$ (Ans: -10)
- Solve the equations by transposing Method:
 - $5(x + 3) = 25$ (Ans: 2)
 - $8x - 1 = -11$ (Ans: $-\frac{5}{4}$)
 - $2 + 3(x - 3) = 14$ (Ans: 7)
 - $-3(x + 2) = 15$ (Ans: -7)
 - $\frac{9x}{5} - 4 = 2$ (Ans: -10)
- Solve the following:
 - If one more than five times of a number is 71, Find the number?
(Ans: 14)

