

INTERNATIONAL INDIAN SCHOOL, RIYADH

WORK SHEET 2017-2018 ACADAMIC YEAR

Std. VII

SUBJECT: MATHEMATICS

CHAPTER - 4

Simple equations

- _____ is a condition on a variable.
- A _____ takes an different numerical values.
- If $x - 4 = 7$, then $x =$ _____
- The highest power of a variable in a linear equation is _____.
- If $\frac{x-2}{x+2} = \frac{3}{7}$, then $x =$ _____.
- If Sana has x marble and his friend Sahil has 5 more than his number of marbles then the number of marbles Sahil has _____.
- The one fifth of a number is 10, the number is _____
- If the sum of two consecutive even numbers is 94, then the larger number is _____
- If $\frac{p}{-3} = 1$, then the value of $4p + 17 =$ _____
- Write the following statement in the form of an equations.
 - The sum of 3 times x and 5 is 16.
 - Five times a number n is 35.
 - The number x divided by 3 gives 11.
 - 5 substituted from y is 8.
- Solve the following equations.
 - $x - 3 = -8$
 - $7p = -28$
 - $\frac{m}{2} = \frac{5}{3}$
 - $\frac{10p}{3} = 20$
- 11 added to twice a number gives 45. Find the number?
- The length of the rectangle is 5cm more than its breadth. If the perimeter of the rectangle is 38cm. find the area?
- Solve he following
 - $5(-x + 1) = -8$
 - $2m - 5 = (-17)$

c) $4x - 23 = 5$

d) $3(n - 1) = 2n - 11$

15. The sum of two consecutive natural number is 177. Find them?
16. Anju mother is $3\frac{1}{2}$ times old as Anju. After 2 years, anjus mother will be 3 times as old as she will be then, find their present age?
17. Sonu says that he has 7 marbles more than five times of the marbles monu has. Sonu has 37 marbles. How many marbles does monu have?
18. Leena's father's age is 3 years more than two times Lakshmi's age. Find Leena's age if her father age is 45?
19. In a cricket match. Player A scored twice the number of runs scored by player B. together they fell short of 5 runs for a double century. Find their scores?
20. Muna collected 89 stamps. She collected 5 stamps more than twice the number of stamps safa collected. How many stamps safa collected?

Answers

1)	2) variable	3) 11	4) 1	5) 5	6) $2x+5$	7) 50
8) 48	9) 5	10) a) $3x + 5 = 16$ b) $5n = 35$ c) $\frac{x}{3} = 11$ d) $y - 5 = 8$	11) a) -5 b) -4 c) $\frac{10}{3}$ d) 6	12) $x = 17$	13) $b = 7,84cm^2$	14) a) $\frac{13}{5}$ b) -6 c) 7 d) -8
15) 88, 89	16)	17) 6	18)	19)	20) 42	

Best of luck

