

Dr. M.K.K. ARYA MODEL SCHOOL, PANIPAT

CLASS – VII

MATHS ASSIGNMENT

CH – 4 (SIMPLE EQUATIONS)

- Write the following statements in the form of an equation.
 - 11 added to a number gives 20.
 - 8 subtracted from twice a number is 7.
 - one-fourth of y is 9.
 - 5 added to two- third of a number is 6.
- From the given equations write the corresponding statements.
 - $x - 7 = 10$
 - $3p = 30$
 - $2n + 5 = 15$
 - $\frac{x}{3} - 4 = 8$
- Solve $8x - 6 = 7x - 2$
- Solve and check your answer: (i) $3t - 18 = 0$ (ii) $3(x + 6) = 21$
- The sum of twice a number and 25 is 45. Find the number.
- The sum of three consecutive even numbers is 96. Find the number.
- The length of a rectangle is three times its width. If the perimeter is 84 cm, then find the length of the rectangle.
- I think of a number, multiply it by 4 and add 7. The answer is 55. Find the number.
- Solve $8y - 3 - 5y = 24$
- One fifth of a number is 15. Find the number.
- Solve: $6(5x - 2) + 12 = 30$
- If $z + \frac{1}{4} = 1\frac{1}{4}$, find $3z$.
- If $\frac{3}{4}$ of a number is 60, then half the number is: (a) 30 (b)40 (c)80 (d)60
- Solve: $7(x - 4) + 13 = 6$
- Mr Grover is three times as old as his son and sum of their ages is 48. How old is each?
- After gaining 15 kg , Nisha weighs 60 kg. What was her previous weight?
- Dhoni scored twice as many runs as Sehwag. Together they scored 198. How many runs did each of them score?
- 7 times a number decreased by 3 equal 18. Find the number?
- The sum of Ritu's age and Ashu's age is 25. Ritu is 12 years old. Write an equation to find Ashu's age? Also find Ashu's age?
- The sum of two consecutive numbers is 53. Find the numbers?