

SATISH CHANDRA MEMORIAL SCHOOL

Chapter –2/ Linear Equations in one Variable

VIII / Math / (Date: 03/06/2021)

Choose the correct answers:-

1. $\frac{0.8x + 6}{0.4x + 3} = 2$ than $x =$

- a) 1 b) 3 c) 2 d) 5

2. Six times a number diminished by 7 comes out to be 41. The number is

- a) 5 b) 8 c) 7 d) 9

3. The length of a Rectangle is 6 cm more than three times its breadth. The perimeter is 132. Its length is

- a) 60cm b) 50cm c) 51cm d) 36 cm

4. The digit in the tens place of a two digit number is 3 more than the digit in the unit place. If digit at units place is b, than the number is

- a) $11b + 30$ b) $10b + 30$ c) $11b + 3$ d) $10b + 3$

Do As Directed:-[HOTS Questions]

5. Find the four consecutive odd numbers whose sum is 128.

6. If x and $(150 - x)$ are two numbers such that their sum of 150 and the greater of two numbers is 9 times the smaller. Find the number.

7. Amen travels 108 km and find he could have made the journey in $4\frac{1}{2}$ hours less, had he travelled 2 km and hour faster, of what rate did he travel?

8. There are some benches in a classroom. If 4 students sit on each bench three benches are left vacant and if 3 students sit on each bench, 3 students are left standing. What is the total number of student in the class?

9. A line is divided into three parts. The first part is two third the length of the second part, the third part is $\frac{1}{2}$ cm shorter than the first part and 2 cm shorter than the second part. Find the length of the line.

10. Five years ago Shikha was thrice as old as Honey. Ten years later, Shikha will be twice as old as Honey. How old are they now?