

VII- Mathematics Assignment No.-04-Simple Equations

- Q1 If four is subtracted from 4 times a number, the result is 20. Find the number.
- Q2. If six is added to 3 times a number, the result is 30. Find the number.
- Q3. The sum of two consecutive odd numbers is 12, Find the numbers.
- Q4. The sum of two consecutive even numbers is 18. Find the numbers.
- Q5. The sum of three consecutive odd numbers is 51. Find the numbers.
- Q6. The sum of three consecutive even numbers is 54. Find the numbers.
- Q7. Find two numbers such that one of them is five times the other and their sum is 36. Find the numbers.
- Q8. The sum of the first five consecutive natural numbers is 15. Find the numbers.

Q9. A bag contains 25 paise and 50 paise coins having total value of Rs 200. If the number of 25 paise coins is twice that of 50 paise coins, find the number of each type of coins.

Q10. A wire of length 150 cm is bent in the form of a rectangle such that its length is 5 cm more than its width. Find the length and width of the rectangle so formed.

## ANSWERS:

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| (Q1) 6          | (Q6) 16, 18, 20                         |
| (Q2) 8          | (Q7) 6 and 30                           |
| (Q3) 5 and 7    | (Q8) 1, 2, 3, 4, 5                      |
| (Q4) 8 and 10   | (Q9) 25P coins = 160<br>50P coins = 320 |
| (Q5) 15, 17, 19 | (Q10) Length = 40 cm<br>Width = 35 cm.  |