Kaboodle

Simple Equations

Name: ☐

Date: ☐

1. If k + 7 = 10, find the value of 9k – 50.   ☐

2. The length of a rectangle is twice its breadth. If its perimeter is 60 cm, find the length and the breadth of the rectangle.

length ☐
breadth ☐

3. The present age of a son is half the present age of his father. Ten years ago, the father was thrice as old as his son. What are their present age?

father ☐ yrs

son ☐ yrs

4. The sum of 3 consecutive multiples of 2 is 18. Find the numbers.

| 4,6,8 | 4,6,7 | 3,6,8 | 3,5,8 |

5. A number has two digits whose sum is 8. If 18 is added to the number the digits are reversed. Find number.   ☐

6. Raju is 19 years younger than his cousin. After 5 years, their ages will be in the ratio 2:3. Find their present ages.

Raju ☐ yrs

Cousin ☐ yrs

7. Abhishek is 3 years older than kiran. 6 years ago, Abhishek 's age was 4 times Kiran's age .Find the present age of Kiran   ☐ yrs

8. The sum of two is the same as the LCM of 3 and 15. If one number is 7, then find other number.   ☐

9. Thrice a number when increased by 5 gives 44. The number is =   ☐

10. Twice a number decreased by 7 gives 45. Gives the number.   ☐