33. 3 years ago, the age of a boy was y years. His age 2 years ago was (y – 2) years.

34. Shikha's present age is p years. Reemu's present age is 4 times the present age of Shikha. After 5 years Reemu's age will be $15p$ years.

35. In a 2 digit number, the units place digit is x. If the sum of digits be 9, then the number is ($10x - 9$).

36. Sum of the ages of Anju and her mother is 65 years. If Anju's present age is y years then her mother's age before 5 years is ($60 - y$) years.

37. The number of boys and girls in a class are in the ratio 5:4. If the number of boys is 9 more than the number of girls, then number of boys is 9.

38. A and B are together 90 years old. Five years ago A was thrice as old as B was. Hence, the ages of A and B five years back would be ($x - 5$) years and ($85 - x$) years respectively.

39. Two different equations can never have the same answer.

40. In the equation $3x - 3 = 9$, transposing –3 to RHS, we get $3x = 9$.

41. In the equation $2x = 4 - x$, transposing $-x$ to LHS, we get $x = 4$.

42. If $\dfrac{15}{8} - 7x = 9$, then $-7x = 9 + \dfrac{15}{8}$

43. If $\dfrac{x}{3} + 1 = \dfrac{7}{15}$, then $\dfrac{x}{3} = \dfrac{6}{15}$

44. If $6x = 18$, then $18x = 54$

45. If $\dfrac{x}{11} = 15$, then $x = \dfrac{11}{15}$

46. If x is an even number, then the next even number is $2(x + 1)$.

47. If the sum of two consecutive numbers is 93 and one of them is x, then the other number is $93 - x$.

48. Two numbers differ by 40, when each number is increased by 8, the bigger becomes thrice the lesser number. If one number is x, then the other number is ($40 - x$).