

Solutions of an Equation – 1

Decide whether the given number is a solution of the given equation.

1. Is 9 a solution of $n - 2 = 7$? _____

2. Is 50 a solution of $250 = 5n$? _____

3. Is 8 a solution of $11n + 3 = 91$? _____

4. Is 0 a solution of $5(n + 9) = 40$? _____

5. Is 2 a solution of $3x - 6 = 5x - 10$? _____

Determine which numbers, if any in each set are solutions to the corresponding equations.

6. $n + 3 = 16$; (9, 11, 13) _____

7. $3x = 45$; (15, 30, 45) _____

8. $4n - 14 = 6$; (0, 5, 10) _____

9. $6(n + 2) = 23$; (1, 3, 5) _____

10. $9x - 15 = 5x + 1$; (2, 4, 11) _____

Answers 1. yes, 2. yes, 3. yes, 4. no 5. yes, 6. 13, 7. 15, 8. 5, 9. none, 10. 4