Solutions of an Equation – 3

1. Is 3 a solution of $n - 4 = 7$? _____

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

3. Is 8 a solution of $9n + 3 = 75$? _____

4. Is 5 a solution of $5(n + 5) = 30$? _____

5. Is 4 a solution of $3x - 6 = 5x - 14$? _____

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

6. $n + 5 = 16$; (9, 11, 13) _____

7. $5x = 45$; (9, 18, 27) _____

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

9. $6(n + 2) = 25$; (1, 3, 5) _____

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

Answers 1. no,   2. no,   3. yes,   4. no   5. yes,   6. 11,   7. 9,   8. 5,   9. none,   10. 4