

1. Is $x = 3.4$ a solution of $3(x + 2) - 3(x - 1) = 9$?

2. Is $x = \frac{11}{2}$ a solution of $3(x + 2) = 5(x - 1)$?

3. Solve: $1.4(5x - 42) = -1.4$

4. Solve: $5.76 - 4.24x - 1.9x = 27.864$

5. Solve: $4[3 - 2(x + 4)] - (x + 3) = 13$

6. Solve: $4 - (2x - 5) = 3x + 13$

7. Solve: $35(2x - 1) = 7(x + 4) + 3x$

8. Solve: $0.4(x + 0.7) = 0.6(x - 4.2)$

9. Solve: $-(x - 5) + 2 = 3(4 - x) + 5x$

10. Solve: $-0.5(6x - 8) = 0.2 - 1.4(x - 5)$

11. Solve: $5 - (x - 5) = 2(x + 3) - 6(x + 1)$

12. Solve: $-2(x + 3) + 5x = 3(4 - 2x) - (x + 2)$