

Equations w/ Subtracted Quantities

Simplify

1. $8x - (5x + 2) = 22$

2. $12x - (2 - 8x) = -62$

3. $4r - (8 + 2r) = -18$

4. $10j - (3j + 2) + 3j = 52$

5. $1 - (5p - 5) = -36$

6. $10a - (5a + 6) = 29$

7. $8x - (4x + 3) - 3x = 20$

8. $5x + (17x + 1) = 67$

9. $(6x + 6) - (2x + 7) = -37$

10. $17x - (4x + 5) + (8x + 2) = -108$

11. $12x - 2(3x + 2) = 26$

12. $12x - 2(5x + 6) = 24$

13. $8x - 5(x + 2) = 2(3 + 5x) + 44$

14. $15x - 4(3x - 4) = 3 - (x + 5) + 30$

15. $-6(x + 2) - (3 + x) = 5x - 123$

15. $-5(2x - 5) + 3(2x + 7) = 1 - (2x - 55)$

19. $4x + 2(x - 7) = -6(5x + 3)$

20. $-(x + 6) = 4(x - 2) - 3(2x + 1)$