

Equations Worksheet 14

Solve each equation and simplify each expression. Remember to show your work.

1. $6 + 4x = -10$

2. $\frac{1}{2}(10x - 8y) - 2(3x + 2y)$

3. $10 - 3x = -7$

4. $-2x(3x - 1)$

5. $16 + 4x = -16$

6. $25 - 5x = -100$

7. $-2A + 3A - 5A - A$

8. $6 - 4x = -14$

9. $-18 = 2x + 14$

10. $-5(2x + 3) - (3x + 2)$

11. $8 - 4x = -12$

12. $-3(x + 4) = 12$

13. $-5(x + 2) = -15$

14. $-5(2x - 1) - (5x + 3)$

15. $16 - 3x = 13$

16. $-4(x - 4) = 16$

17. $-3 - 4x = -19$

18. $-14 = -2x - 6$