

Homework #12

Solve:

1. $2x + 8 = 6$

9. $3x + 8 = 7x + 11$

17. $5(7 - x) = 7$

2. $7x - 12 = 5$

10. $7x - 1 = 5x - 5$

18. $6 - 2x = 10 + 4x$

3. $4x - 3 = 21$

11. $4(x + 9) = -1$

19. $9x + 10 = 11 - 4x$

4. $7 = 5 + 9x$

12. $7 - 5x = 4$

20. $3k + 7 = 9k - 4$

5. $4x + 6 = x$

13. $4(2x + 6) = 10(x + 2)$

21. $1.5x + 3 = 4x + 7$

6. $4 = 9 + 7x$

14. $4 - 11x = 9 + x$

22. $4y + 3 = 4(2 - y)$

7. $11x = x + 5$

15. $11x - 8 = x + 10$

23. $0.25x + 3 = 0.5x - 8$

8. $6x - 4 = 7$

16. $6x - 4 = 7x - 2$

24. $8x + 10 = 10x + 1$