

Name: _____ Per. _____

Directions: Solve each equation for the variable. **SHOW YOUR WORK FOR CREDIT!**

25. $4a - 9 = 7a + 12$

26. $13b = 6b + 14$

27. $3(5c - 4) = 8c + 2$

28. $2d + 18 = 12 - 6(d + 7)$

29. $8(e - 5) = 2(3e - 8)$

30. $f - 8 = 6 + 3f$

31. $g + 4g = 2g - 15$

32. $-3(2h - 4) = 20 - 4h$

33. $-5i - 3 = -43$

34. $j - (5 - 3j) = 7j + 4$

35. $8k - 15 = 4k + 13$

36. $2(5 - 3r) = -4r - 16$

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13. $-5 = 6d - 7d + 4$

14. $4e - 4 = e - 4$

15. $-7f + 6 = 116 + 3f$

16. $4 + 2g + 5g = -66$

17. $5h + 3 = 3h + 11$

18. $5i + 4 = 14 + 4i$

19. $4j + 26 = 50 + 6j$

20. $2k + 36 = 6k - 12$

21. $L + 21 = -L + 87$

22. $3q + 7 = 7q - 13$

23. $21 - r = -87 + 2r$

24. $2s - 54 = -s + 21$