

Name \_\_\_\_\_



Date \_\_\_\_\_

## Radicals

Simplify.

1. $\sqrt{2x + 48} = x$	2. $\sqrt{4x + 21} = x$	3. $\sqrt{5x + 84} = x$
4. $\sqrt{23x - 132} = x$	5. $\sqrt{-5x + 24} = x$	6. $\sqrt{-2x + 3} = x$
7. $\sqrt{4x + 5} = x$	8. $\sqrt{5x + 50} = x$	9. $\sqrt{13x - 12} = x$
10. $\sqrt{8x + 48} = x$	11. $\sqrt{-x + 30} = x$	12. $\sqrt{-9x + 36} = x$
13. $\sqrt{3x + 4} = x$	14. $\sqrt{2x + 8} = x$	15. $\sqrt{4x + 12} = x$
16. $\sqrt{-6x + 27} = x$	17. $\sqrt{-x + 42} = x$	18. $\sqrt{3x + 28} = x$
19. $\sqrt{-x + 6} = x$	20. $\sqrt{13x - 36} = x$	21. $\sqrt{-2x + 15} = x$
22. $\sqrt{9x + 10} = x$	23. $\sqrt{-9x + 22} = x$	24. $\sqrt{-5x + 50} = x$