

7. $11 = 2x - 3\sqrt{x-1}$	(Soluc: $x=10$)	29. $\sqrt{ax} = \frac{x^2}{a}$	(Soluc: $x_1=0; x_2=a$)
8. $\sqrt{x+13} - \sqrt{x+6} = 1$	(Soluc: $x=3$)	30. $\sqrt{a^3} = 8$	(Soluc: $a=4$)
9. $x = 6 - \sqrt{x}$	(Soluc: $x=4$)	31. $\sqrt{2x+7} - 2\sqrt{x} = 1$	(Soluc: $x=1$)
10. $\sqrt{3x+1} = 1 + \sqrt{2x-1}$	(Soluc: $x_1=1; x_2=5$)	32. $x - \sqrt{7-3x} = 1$	(Soluc: $x=2$)
11. $1 = 2x - 3\sqrt{4x-7}$	(Soluc: $x_1=2; x_2=8$)	33. $\sqrt{x-1} + 1 = x - 2$	(Soluc: $x=5$)
12. $x - 2\sqrt{x-1} = 4$	(Soluc: $x=10$)	34. $\sqrt{x+5} + \sqrt{x} = 5$	(Soluc: $x=4$)
13. $\sqrt{5x+4} = 2x+1$	(Soluc: $x=1$)	35. $\sqrt{3x+1} + 1 = x$	(Soluc: $x=5$)
14. $\sqrt{2x+1} - 3 = \sqrt{x-8}$	(Soluc: $x_1=12; x_2=24$)	36. $2x - \sqrt{3x-5} = 4$	(Soluc: $x=3$)
15. $\sqrt{x+5} - 1 = \sqrt{x}$	(Soluc: $x=4$)	37. $\sqrt{x+2} + x = 3x - 2$	(Soluc: $x=2$)
16. $x - \sqrt{2x-1} = 2$	(Soluc: $x=5$)	38. $\sqrt{7+2x} - \sqrt{3+x} = 1$	(Soluc: $x_1=1; x_2=-3$)
17. $\sqrt[3]{x+5} = 2$	(Soluc: $x=3$)	39. $\sqrt{x+7} - 1 = x$	(Soluc: $x=2$)
18. $\sqrt{x+1} + \sqrt{x-6} = 7$	(Soluc: $x=15$)	40. $\sqrt{x+5} + \sqrt{2x+8} = 7$	(Soluc: $x=4$)
19. $2x - 13\sqrt{x-15} = 0$	(Soluc: $x=225/4$)	41. $\sqrt{2x+x^2} - x - 2 = 0$	(Soluc: $x=2$)
20. $9(1-x) = 3\sqrt{1+(3x-4)^2 + x^2}$	(\exists soluc)	42. $\sqrt{x+4} + \sqrt{x-1} = 3$	(Soluc: $x=13/9$)
21. $x - \sqrt{2x-1} = 1 - x$	(Soluc: $x_1=1; x_2=1/2$)	43. $\sqrt{x+23} = \sqrt{4x+1} + 2$	(Soluc: $x=2$)
22. $x - \sqrt{7-3x} = 1$	(Soluc: $x=2$)	44. $\sqrt{x}-2 = \sqrt{x-8}$	(Soluc: $x=9$)
23. $4a\sqrt{a} = 32$	(Soluc: $a=4$)	45. $\sqrt{2x-3} - \sqrt{x+7} = 4$	(Soluc: $x=114$)
24. $\sqrt{x^2+x+1} = x+1$	(Soluc: $x=0$)	46. $\sqrt{2x+5} - \sqrt{x+2} = 1$	(Soluc: $x=\pm 2$)
25. $\sqrt{x^2+x+1} = -x-1$	(Soluc: \exists soluc)	47. $\sqrt{2x+3} = 1 + \sqrt{x+1}$	(Soluc: $x_1=-1; x_2=3$)
26. $\frac{2}{3\sqrt[3]{x}} = \frac{3}{7}$	(Soluc: $x=(14/9)^3$)	48. $\sqrt{4x-3} - \sqrt{x+1} = 1$	(Soluc: $x=3$)
27. $2\sqrt{x} - \sqrt{x-3} = 3$		49. $\sqrt{2x+3} - \sqrt{x-2} = 2$	(Soluc: $x_1=3; x_2=11$)
28. $2\sqrt{x+4} - \sqrt{x-1} = 4$	(Soluc: $x_1=5; x_2=13/9$)		