1. $\sqrt{x} = 5$

2. $\sqrt{x-3} = 4$

3. $\sqrt{2x+1} = 7$

4. $\sqrt{5-x} = 3$

5. $\sqrt{3x-2} = 0$

6. $\sqrt{x+4} = \sqrt{2x-1}$

7. $\sqrt{3x-5} = \sqrt{x+7}$

8. $\sqrt{x^2-9} = 4$

9. $\sqrt{x+2} = x$

10. $\sqrt{2x+3} = x$

11. $\sqrt{3x-2} = x-2$

12. $\sqrt{x+6} = x$

13. $\sqrt{x^2-5x+4} = x-1$

14. $\sqrt{x^2-4x+3} = 2-x$

15. $\sqrt{x+1} + \sqrt{x-1} = 2$

16. $\sqrt{2x+1} + \sqrt{x-3} = 4$

17. $\sqrt{x+5} - \sqrt{x-3} = 2$

18. $\sqrt{3x+1} - \sqrt{x+4} = 1$

19. $\sqrt{x+3} + \sqrt{x-2} = 5$

20. $\sqrt{x^2+2x+1} = x+1$

21. $\sqrt{x^2-6x+9} = 3-x$

22. $\sqrt{x+7} - \sqrt{x-5} = 2$

23. $\sqrt{2x+5} + \sqrt{5x-6} = 5$

24. $x + \sqrt{x-2} = 8$

25. $\sqrt{x} < 4$

26. $\sqrt{x-2} < 3$

27. $\sqrt{2x+1} < 5$

28. $\sqrt{x} > 3$

29. $\sqrt{x-1} > 2$

30. $\sqrt{x+1} < x$

31. $\sqrt{x-1} < x-2$

32. $\sqrt{2x-3} < x$

33. $\sqrt{x+2} > x-1$

34. $\sqrt{3x-2} > x-2$

35. $\sqrt{x+1} < \sqrt{2x-3}$

36. $\sqrt{x^2-4} > x-1$

37. $\sqrt{3x-2} < \sqrt{x+4}$

38. $\sqrt{x^2-3x} < 2$

39. $\sqrt{x^2-9} = x-3$

40. $\sqrt{3x-2} > x-2$