

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