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|---|-----|--|-----|
| $(x^2 - 4)\sqrt{x+1} = 0$   | .2  | $(x^2 - 1)\sqrt{2x-1} = 0$   | .1  |
| $(16 - x^2)\sqrt{3-x} = 0$  | .4  | $(9 - x^2)\sqrt{2-x} = 0$  | .3  |
| $\sqrt[3]{x} + 2\sqrt[3]{x^2} = 3$  | .6  | $\sqrt{2x-3} - \sqrt{x+3} = 0$   | .5  |
| $\frac{4}{\sqrt[3]{x+2}} + \frac{\sqrt[3]{x+3}}{5} = 2$                     | .8  | $\sqrt[3]{x^2} - \sqrt[3]{x} - 6 = 0$  | .7  |
| $\sqrt{2-x} + \frac{4}{\sqrt{2-x+3}} = 2$                                   | .10 | $\frac{8}{\sqrt{10-2x}} - \sqrt{10-2x} = 2$  | .9  |
| $\frac{x-4}{\sqrt{x+2}} = x-8$  | .12 | $\frac{3}{\sqrt{x+1}+1} + 2\sqrt{x+1} = 5$   | .11 |
| $\sqrt{\frac{3-x}{2+x}} + 3\sqrt{\frac{2+x}{3-x}} = 4$                      | .16 | $\frac{x\sqrt[3]{x}-1}{\sqrt[3]{x^2}-1} - \frac{\sqrt[3]{x^2}-1}{\sqrt[3]{x+1}} = 4$ | .13 |
| $\sqrt{\frac{x+1}{x-1}} - \sqrt{\frac{x-1}{x+1}} = \frac{3}{2}$             | .18 | $\sqrt{\frac{2x+1}{x-1}} - 2\sqrt{\frac{x-1}{2x+1}} = 1$                             | .17 |
| $\sqrt{7-x} = x-1$  | .20 | $\sqrt{12-x} = x$  | .19 |
| $21 + \sqrt{2x-7} = x$  | .22 | $x - \sqrt{x+1} = 5$   | .21 |
| $2\sqrt{x+5} = x+2$   | .24 | $1 - \sqrt{5x+1} = x$  | .23 |
| $\sqrt{4+2x-x^2} = x-2$   | .26 | $4\sqrt{x+6} = x+1$  | .25 |
| $\sqrt{6-4x-x^2} = x+4$   | .28 | $\sqrt{37-x^2} + 5 = x$  | .27 |
| $\sqrt{5-x^2} = x-1$  | .30 | $\sqrt{1+4x-x^2} = x-1$  | .29 |
| $4 + \sqrt{26-x^2} = x$   | .32 | $\sqrt{x^2+8} = 2x+1$  | .31 |
| $\sqrt{6x-x^2-5} = 2x-6$  | .34 | $3x - \sqrt{18x+1} + 1 = 0$  | .33 |
| $\frac{1 + \sqrt{2x+1}}{x} = 4$   | .36 | $\frac{\sqrt{5-x^2}}{x+1} = 1$   | .35 |
| $\frac{2 + \sqrt{19-2x}}{x} = 1$  | .38 | $\frac{\sqrt{13-x^2}}{x+1} = 1$  | .37 |
| $2x^2 + 3x - 5\sqrt{2x^2 + 3x + 9} + 3 = 0$                                 | .41 | $x^2 - 4x + 6 = \sqrt{2x^2 - 8x + 12}$   | .40 |
| $2x^2 + \sqrt{2x^2 - 4x + 12} = 4x + 8$                                     | .43 | $x^2 + \sqrt{x^2 + 2x + 8} = 12 - 2x$  | .42 |
| $\sqrt{x} - \frac{4}{\sqrt{2+x}} + \sqrt{2+x} = 0$                          | .46 | $3x^2 + 15x + 2\sqrt{x^2 + 5x + 1} = 2$  | .44 |
| $\frac{4}{x + \sqrt{x^2 + x}} - \frac{1}{x - \sqrt{x^2 + x}} = \frac{3}{x}$ | .48 | $\sqrt{9-5x} = \frac{6}{\sqrt{3-x}} + \sqrt{3-x}$                                    | .47 |
| $\sqrt{3x+1} - \sqrt{x+4} = 1$  | .50 | $\sqrt{2x-3} + \sqrt{4x+1} = 4$  | .49 |
| $\sqrt{x+5} - \sqrt{x} = 1$   | .52 | $\sqrt{2x+6} - \sqrt{x+1} = 2$   | .51 |
| $\sqrt{2x+5} = 8 - \sqrt{x-1}$  | .54 | $\sqrt{2x-4} - \sqrt{x+5} = 1$   | .53 |
| $\sqrt{3x+7} - \sqrt{x+1} = 2$  | .56 | $\sqrt{x+3} + \sqrt{3x-2} = 7$   | .55 |
| $\sqrt{3x^2 + 6x + 7} + \sqrt{5x^2 + 10x + 14} = 4 - 2x - x^2$              | .58 | $\sqrt{4-x} + \sqrt{x+5} = 3$  | .57 |

$\sqrt{x+2} + \sqrt{3-x} = 3$	.60	$\sqrt{3x-5} = 3 - \sqrt{x-2}$	.59
$\sqrt{2x+3} + \sqrt{3x+3} = 1$	.62	$\sqrt{4x+8} - \sqrt{3x-2} = 2$	.61
$\sqrt{3x-7} - \sqrt{x+1} = 2$	.64	$\sqrt{x+4} + \sqrt{2x+6} = 7$	.63
$\sqrt{x+5} - \sqrt{x-3} = 2$	.66	$\sqrt{15-x} + \sqrt{3-x} = 6$	.65
$\sqrt{x+\sqrt{x+11}} + \sqrt{x-\sqrt{x+11}} = 4$	.68	$2\sqrt{x-1} + \sqrt{x+3} = 2$	.67
$1 + \sqrt{1+x\sqrt{x^2-24}} = x$	.74	$\sqrt{1+x\sqrt{x^2+24}} = x+1$	.73
$\sqrt{2x+1} + \sqrt{x-3} = 2\sqrt{x}$	.76	$\sqrt{x} + \sqrt{x-\sqrt{1-x}} = 1$	.75
$\sqrt{x+2} - \sqrt{2x-3} = \sqrt{4x-7}$	.78	$\sqrt{x+1} + \sqrt{4x+13} = \sqrt{3x+12}$	.77
$\sqrt{x+5} + \sqrt{2x-7} = 2\sqrt{x}$	.81	$\sqrt{x-2} - \sqrt{4-x} = \sqrt{6-x}$	.80
$\sqrt{3x+4} + \sqrt{x-4} = 2\sqrt{x}$	.84	$\sqrt{3x+1} + \sqrt{x+4} = \sqrt{9-x}$	.83
$\sqrt{x+1} + \sqrt{x-1} = \sqrt{3x-1}$	.86	$\sqrt{2x+5} + \sqrt{5x+6} = \sqrt{12x+25}$	.85

תשובות:

$\{-8, 27\}$	.7	$\left\{-\frac{27}{8}, 1\right\}$	.6	$\{6\}$	.5	$\{-4, 3\}$	.4	$\{-3, 2\}$	.3	$\{-1, 2\}$	.2	$\left\{\frac{1}{2}, 1\right\}$	.1
$\{-1, 8\}$	.13	$\{9\}$	.12	$\{3\}$	.11	$\{1\}$	.10	$\{3\}$	.9	$\{8, 27\}$	.8		
$\{8\}$	.21	$\{3\}$	.20	$\{3\}$	.19	$\left\{\frac{5}{3}\right\}$	.18	$\left\{\frac{5}{2}\right\}$	.17	$\left\{-\frac{3}{2}, \frac{1}{2}\right\}$	.16		
$\{6\}$	.27	$\{3\}$	.26	$\{19\}$	.25	$\{4\}$	.24	$\{0\}$	.23	$\{28\}$	.22		
$\left\{\frac{4}{3}, 0\right\}$	.33	$\{5\}$	.32	$\{1\}$	.31	$\{2\}$	.30	$\{3\}$	.29	$\{-1\}$	.28		
$\{2\}$	.40	$\{5\}$	.38	$\{2\}$	.37	$\{4\}$	.36	$\{1\}$	.35	$\left\{3 + \frac{2\sqrt{5}}{5}\right\}$	.34		
$\left\{\frac{2}{3}\right\}$	.46	$\{-5, 0\}$	.44	$\{1 - \sqrt{3}, 1 + \sqrt{3}\}$	.43	$\{-4, 2\}$	.42	$\left\{-\frac{9}{2}, 3\right\}$	.41				
$\{-1, 15\}$	.51	$\{5\}$	.50	$\{2\}$	.49	$\left\{-1, \frac{9}{16}\right\}$	.48	$\{-3\}$	.47				
$\{-5, 4\}$	.57	$\{-1, 3\}$	.56	$\{6\}$	.55	$\{10\}$	.54	$\{20\}$	.53	$\{4\}$	.52		
								$-\sqrt{3x^2+6x+7} = \sqrt{3(x+1)^2+4} \geq \sqrt{4} = 2$	.58				
$\{-1\} \Leftrightarrow 4 - 2x - x^2 = 5 - (x+1)^2 \leq 5$								$\sqrt{5x^2+10x+14} = \sqrt{5(x+1)^2+9} \geq \sqrt{9} = 3$					
$\{8 + 4\sqrt{2}\}$	.64	$\{5\}$	.63	$\{-1\}$	.62	$\{2, 34\}$	.61	$\{-1, 2\}$	.60	$\{3\}$	.59		
$\{7\}$	.74	$\{0, 5\}$	.73	$\{5\}$	.68	$\{1\}$	.67	$\{4\}$	.66	$\{-1\}$	.65		
$\left\{\frac{12}{5}, 4\right\}$	.80	$\{4\}$	.79	$\{2\}$	.78	$\{-1\}$	.77	$\{4\}$	.76	$\left\{\frac{16}{25}\right\}$	.75		
		$\{1\}$	.86	$\{2\}$	.85	$\{4\}$	.84	$\{0\}$	.83	$\{4\}$	.81		