

Solving Equations Involving Radicals



Level 1 - Solve simple radical equations

Level 2 - Solve radical equations involving quadratics

Level 3 - Solve radical equations where the radicals cannot be isolated

Answers:

Level 1

a) $x = 49$	b) $x = 12$	c) no solution
d) $x = -8$	e) $x = 100$	f) $x = 4$
g) $x = 27$	h) $x = 3$	i) no solution
j) $x = 13$	k) $x = 12$	l) no solution

Level 2

a) $x = 0, 8$	b) $x = 2, 8$	c) $x = 1, 5$
d) $x = 1$	e) $x = 5$	f) $x = 1, 4$
g) $x = -3, -2$	h) $x = 2$	i) $x = 3, 5$

Level 3

a) $x = 25$	b) $x = 3$
d) $x = 7$	e) $x = 1, 5$