

## Answers to 4.2 Solving with Square Roots

- 1) There is only one term with  $x$  and it is squared.      3)  $\{2, -2\}$       5)  $\{2\sqrt{11}, -2\sqrt{11}\}$   
7)  $\{4, -4\}$       9)  $\{0, 8\}$       11)  $\{-3, 23\}$   
13)  $\{-7 + i\sqrt{7}, -7 - i\sqrt{7}\}$       15)  $\{-6, 14\}$       17)  $\{7 + \sqrt{5}, 7 - \sqrt{5}\}$   
19)  $\{2 + i\sqrt{5}, 2 - i\sqrt{5}\}$   
21) When you simplify the radicand (number under the square root)