Assessment Checklist **Chapter 9 Objectives**	**9.1** Backtrack to undo taking the square root of a number.	**9.1** Backtrack to undo taking the reciprocal of a number.	**9.1** Backtrack to undo changing the sign of a number.	**9.1** Use backtracking to find solutions to equations with powers and square roots.	**9.1** Understand that some equations have more than one solution.		**9.2** Represent the factors of trinomial using a geometric model.	**9.2** Understand the zero product property.	**9.2** Solve quadratic equations in factored form.	**9.2** Solve quadratic equations by factoring the difference of two squares and perfect square trinomials.	**9.2** Solve quadratic equations by factoring quadratic trinomials.
1.											
2.											
3.											
4.											
5.											
6.											
7.											
8.											
9.											
10.											
11.											
12.											
13.											
14.											
15.											
16.											
17.											
18.											
19.											
20.											
21.											
22.											
23.											
24.											
25.											
26.											
27.											
28.											
29.											
30.											

Assessment Checklist **Chapter 9 Objectives, continued**	**9.3** To solve equations of the form $a(x + b)^2 + c = d$.	**9.3** Identify perfect square trinomials.	**9.3** Complete quadratic expressions to make them perfect squares.	**9.3** Solve quadratic equations by completing the square.		**9.4** Understand the origin of the quadratic formula.	**9.4** Use the quadratic formula to solve quadratic equations.	**9.4** Understand when the quadratic formula is appropriate to solve equations and when factoring is appropriate.	**9.4** Understand how to apply the quadratic formula to specific situations.	**9.4** Understand the significance of $b^2 - 4ac$ in the quadratic formula.	
1.											
2.											
3.											
4.											
5.											
6.											
7.											
8.											
9.											
10.											
11.											
12.											
13.											
14.											
15.											
16.											
17.											
18.											
19.											
20.											
21.											
22.											
23.											
24.											
25.											
26.											
27.											
28.											
29.											
30.											