Assessment Checklist **Chapter 9 Objectives**	**9.1** Solve linear equations using guess-check-and-improve or backtracking strategies.	**9.1** Use variables to write algebraic expressions for a variety of situations and numerical relationships.		**9.2** Develop strategies for solving equations through operations with the balance model.	**9.2** Extend the techniques of solving balance puzzles to equation-solving techniques that are independent of the model.	**9.2** Provide experience in assigning variables and translating problems into algebraic sentences.		**9.3** Solve equations without using the balance puzzle model.	**9.3** Express a balance puzzle as an algebraic expression.	**9.3** Represent an equation as a balance puzzle.	**9.3** Solve simple word problems by writing and solving equations.
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Assessment Checklist **Chapter 9 Objectives, continued**	**9.4** Add and subtract parenthetical expressions.	**9.4** Solve equations by adding, multiplying, or dividing both sides by the same quantity.	**9.4** Describe variable quantities that appear in typical word problems, including those that refer to signed numbers.							
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