**Key Term Matching Answer Key**

**Exploring Microsoft Excel 2016, Chapter 6**

1. A constraint that Solver must enforce to reach the target value.

**B. Binding constraint**

1. A cell containing a variable whose value changes until Solver optimizes the value in the objective cell.

C. Changing variable cell

1. An add-in application that manipulates variables based on constraints to find the optimal solution to a problem.

**M. Solver**

1. A data analysis tool that provides various results based on changing one variable.

**H. One-variable data table**

1. A set of values that represent a possible situation.

**J. Scenario**

1. The cell that contains the formula-based value that you want to maximize, minimize, or set to a value in Solver.

**G. Objective cell**

1. Finds the highest, lowest, or exact value for one particular result by adjusting values for selected variables.

**I. Optimization model**

1. A constraint that does not restrict the target value that Solver finds.

**F. Nonbinding constraint**

1. The process of changing variables to observe how changes affect calculated results.

**Q. What-if analysis**

1. A value that you can change to see how that change affects other values.

**P. Variable**

1. Replaces the original value of a variable in a data table.

**N. Substitution value**

1. A limitation that imposes restrictions on Solver.

**D. Constraint**

1. A program that can be added to Excel to provide enhanced functionality.

**A. Add-in**

1. A worksheet that contains scenario results.

**L. Scenario summary report**

1. A data analysis tool that provides results based on changing two variables.

**O. Two-variable data table**

1. A tool that identifies the necessary input value to obtain a desired goal.

**E. Goal Seek**

1. Enables you to define and manage scenarios to compare how they affect results.

**K. Scenario Manager**

1. A word or string of characters that represents one or more cells.

**R. Range name**