

use Solver to keep the expenses constant while changing the number of attendees and ticket price per person.

- a. Load the Solver add-in if it is not already loaded.
- b. Set the objective to calculate the highest balance possible.
- c. Use the number of attendees and the ticket price per person as changing variable cells.
- d. Look at the *Limitations* section of the spreadsheet model.
- e. Set a constraint for the number of attendees.
- f. Set constraints for the ticket price per person.
- g. Set an appropriate integer constraint.
- h. Set a constraint that ensures the valet parking expense is less than or equal to the product of the number of parking stalls and the valet price per vehicle.
- i. Solve the problem, but keep the original values in the Budget worksheet. Generate the Answer Report. If you get an internal memory error message, remove Solver as an add-in, close the workbook, open the workbook, add Solver in again, and finish using Solver.
- j. Answer questions 10 through 13 on the Q&A worksheet. Apply **landscape orientation** to the Q&A worksheet. Save the workbook.
- k. Create a footer on all four worksheets with your name on the left side, the sheet name code in the center, and the file name code on the right side.
- l. Save and close the workbook, and submit based on your instructor's directions.