

- 5) Abhasra's school is selling tickets to the annual dance competition. On the first day of ticket sales the school sold 1 senior citizen ticket and 6 child tickets for a total of \$32. The school took in \$106 on the second day by selling 5 senior citizen tickets and 12 child tickets. What is the price each of one senior citizen ticket and one child ticket?
- 6) The senior classes at High School A and High School B planned separate trips to New York City. The senior class at High School A rented and filled 11 vans and 11 buses with 682 students. High School B rented and filled 2 vans and 11 buses with 547 students. Each van and each bus carried the same number of students. How many students can a van carry? How many students can a bus carry?
- 7) Jocelyn has \$1.95 in her pocket made up of 27 nickels and dimes. How many of each type of coin does she have?
- 8) Your math teacher is giving you a test worth 100 points containing 40 questions. Multiple choice questions are worth 2 points and short answers are worth 4 points. How many multiple choice and short answer questions are on the test?

Answers to Lesson 5 Assignment Systems of Equations Word Problems (ID: 1)

- 1) hosta: \$4, bunch of ornamental grass: \$9
- 2) adult ticket: \$9, child ticket: \$6
- 3) hosta: \$4, pot of ivy: \$5
- 4) roll of plain wrapping paper: \$16, roll of shiny wrapping paper: \$20
- 5) senior citizen ticket: \$14, child ticket: \$3
- 6) Van: 15, Bus: 47
- 7) 15 nickels, 12 dimes
- 8) 30 Multiple Choice, 10 Short Answer