

- 6) The senior classes at High School A and High School B planned separate trips to the water park. The senior class at High School A rented and filled 9 vans and 15 buses with 936 students. High School B rented and filled 10 vans and 16 buses with 1004 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) The senior classes at High School A and High School B planned separate trips to the state fair. The senior class at High School A rented and filled 16 vans and 13 buses with 550 students. High School B rented and filled 5 vans and 4 buses with 170 students. Each van and each bus carried the same number of students. Find the number of students in each van and in each bus.
- 8) Chelsea and John each improved their yards by planting rose bushes and ivy. They bought their supplies from the same store. Chelsea spent \$67 on 5 rose bushes and 7 pots of ivy. John spent \$69 on 3 rose bushes and 9 pots of ivy. Find the cost of one rose bush and the cost of one pot of ivy.
- 9) The senior classes at High School A and High School B planned separate trips to Yellowstone National Park. The senior class at High School A rented and filled 1 van and 2 buses with 108 students. High School B rented and filled 15 vans and 9 buses with 675 students. Every van had the same number of students in it as did the buses. Find the number of students in each van and in each bus.
- 10) Stephanie's school is selling tickets to a fall musical. On the first day of ticket sales the school sold 15 senior citizen tickets and 15 child tickets for a total of \$210. The school took in \$136 on the second day by selling 9 senior citizen tickets and 10 child tickets. What is the price each of one senior citizen ticket and one child ticket?