



- 5) Flying to Cheyenne with a tailwind a plane averaged 124.4 km/h. On the return trip the plane only averaged 47.6 km/h while flying back into the same wind. What is the speed of the wind? How fast would the plane go if there were no wind?
- 6) James and Lisa are selling fruit for a school fundraiser. Customers can buy small boxes of tangerines and large boxes of tangerines. James sold 3 small boxes of tangerines and 8 large boxes of tangerines for a total of \$135.14. Lisa sold 6 small boxes of tangerines and 11 large boxes of tangerines for a total of \$196.43. Find the cost each of one small box of tangerines and one large box of tangerines.
- 7) The sum of two numbers is 21.8. Their difference is 4.6. Find the numbers.
- 8) Jennifer's school is selling tickets to the annual dance competition. On the first day of ticket sales the school sold 14 adult tickets and 13 child tickets for a total of \$163.40. The school took in \$103.60 on the second day by selling 12 adult tickets and 7 child tickets. What is the price each of one adult ticket and one child ticket?