



- 5) The school that Matt goes to is selling tickets to a fall musical. On the first day of ticket sales the school sold 14 senior citizen tickets and 5 student tickets for a total of \$181. The school took in \$137 on the second day by selling 3 senior citizen tickets and 10 student tickets. What is the price each of one senior citizen ticket and one student ticket?
- 6) Amy and Matt are selling pies for a school fundraiser. Customers can buy cherry pies and lemon meringue pies. Amy sold 9 cherry pies and 9 lemon meringue pies for a total of \$315. Matt sold 3 cherry pies and 5 lemon meringue pies for a total of \$141. What is the cost each of one cherry pie and one lemon meringue pie?
- 7) Jack left the mall and traveled toward the desert at an average speed of 40 km/h. Ndiba left two hours later and traveled in the same direction but with an average speed of 60 km/h. How long did Jack travel before Ndiba caught up?