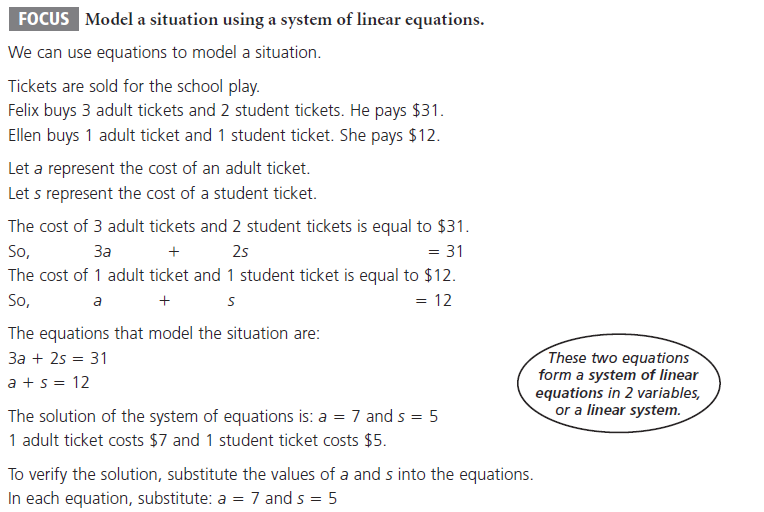
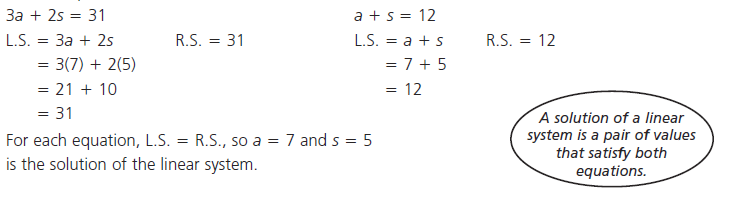
Chp 7 Systems of Linear Equations

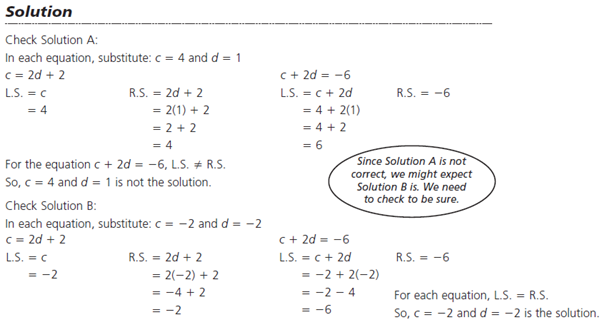
**7.1 Developing Systems of Linear Equations**



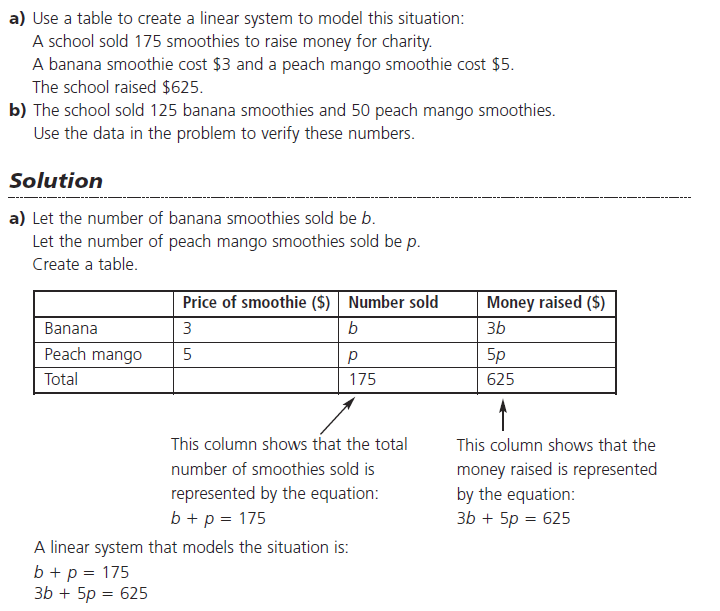


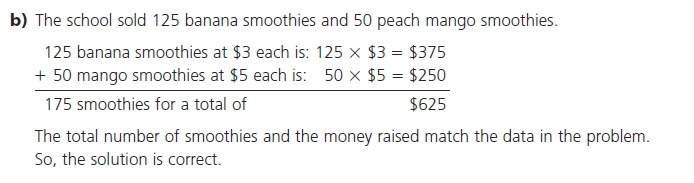
**Ex.1** Identifying the Corre3ct Solution to Linear Systems (where the two lines cross)





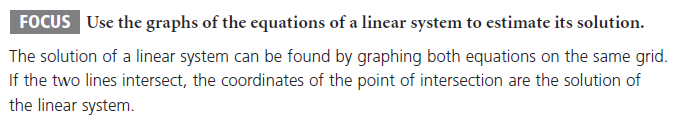
**Ex.2** Using a Table to Create a Linear System



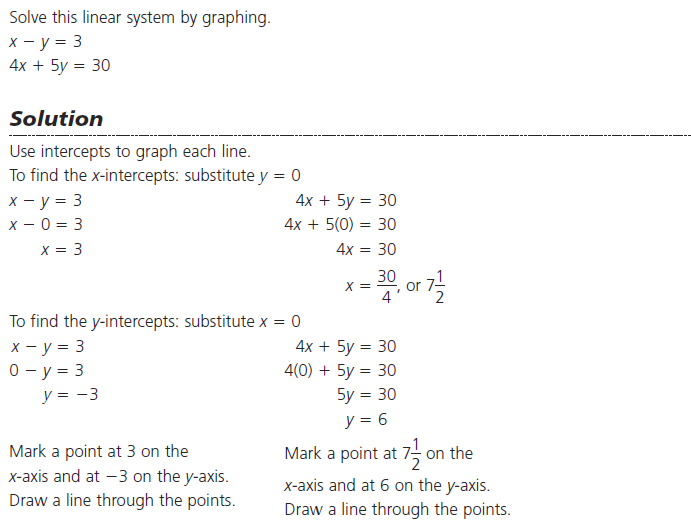
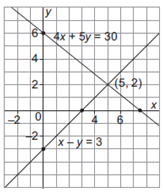


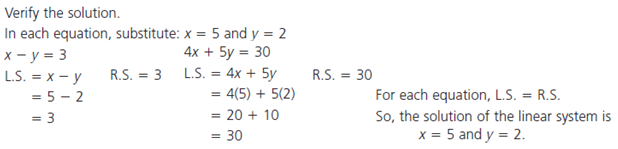
*Do Qn's p.415 #1&2*

**7.2 Solving a System of Linear Equations Graphically**

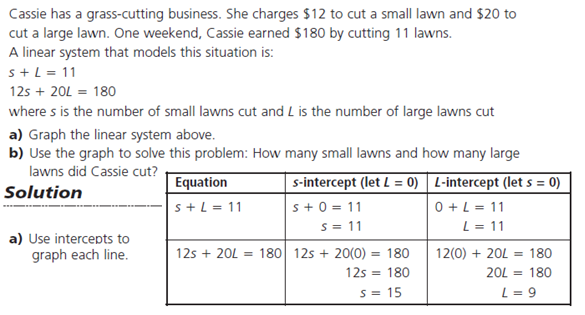


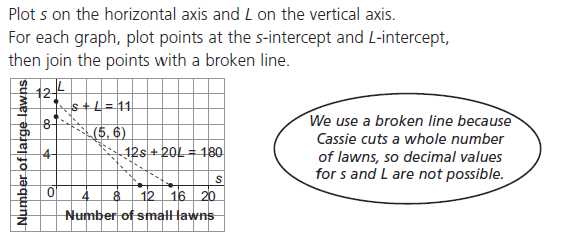
**Ex.1** Solving a Linear system by Graphing

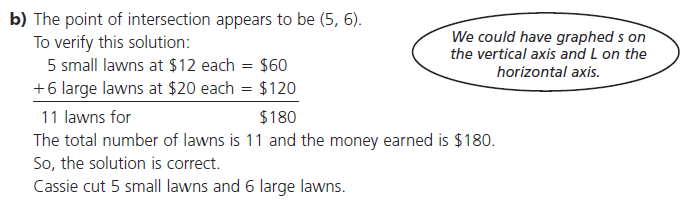




**Ex.2** Solving a Word Problem by Graphing a Linear System

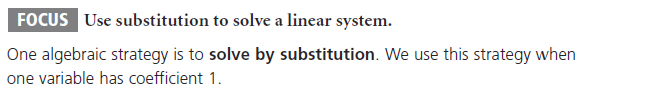




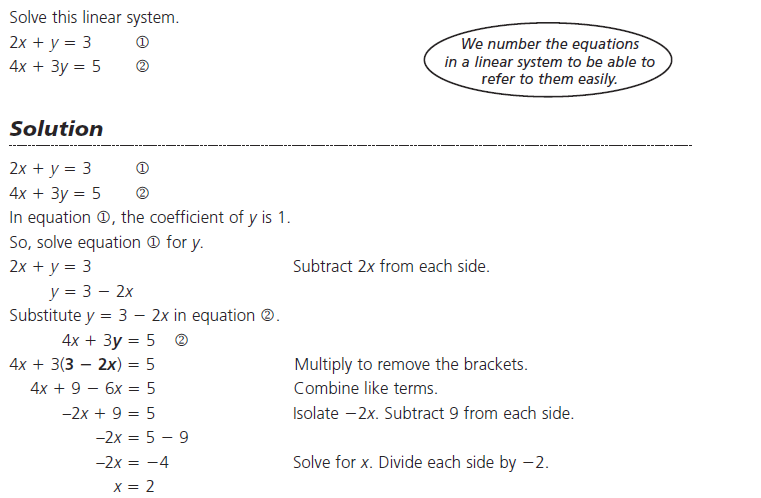


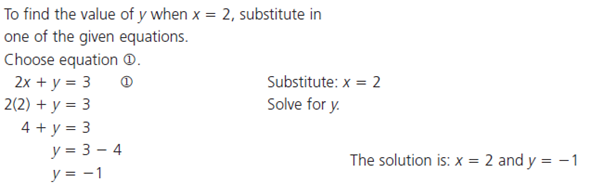
*Do Qn's p.415 #3&4*

**7.4 Solving Linear Systems by Substitution**

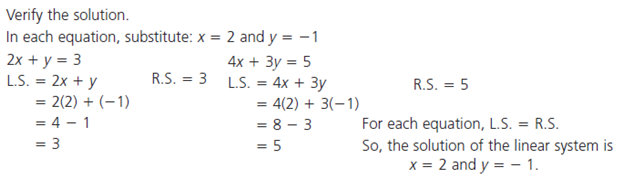


**Ex.1** Solving a System by Substitution

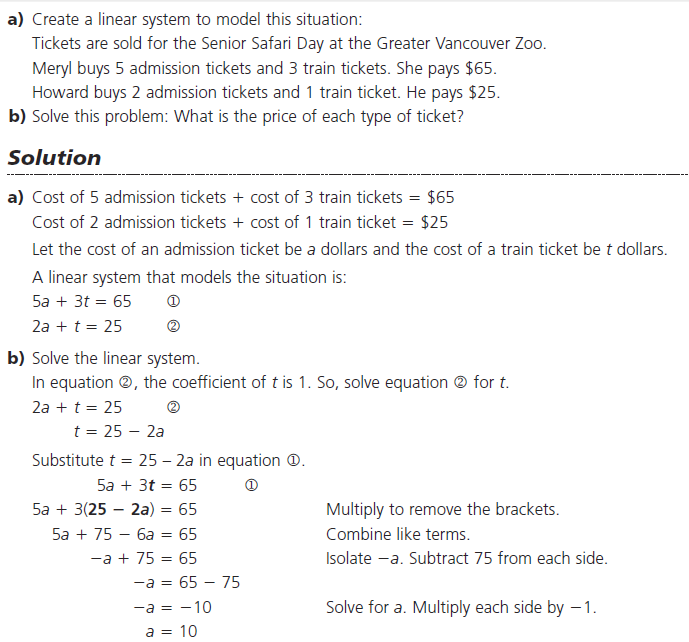


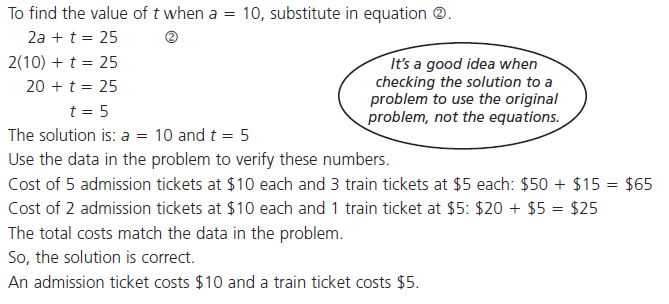


Solutions can be verified by substituting the answer back into the original equations, the solution must satisfy both equations for it to be correct.



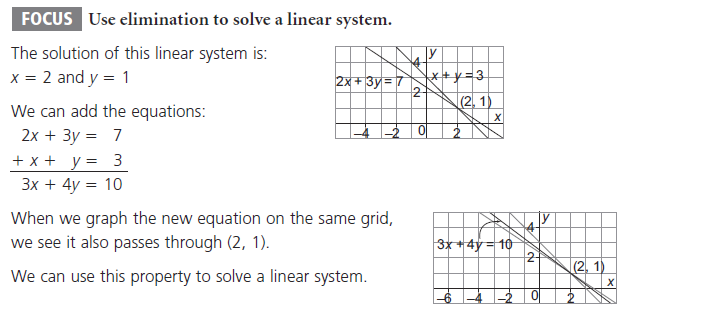
**Ex.2** Using Substitution to Solve a Word Problem



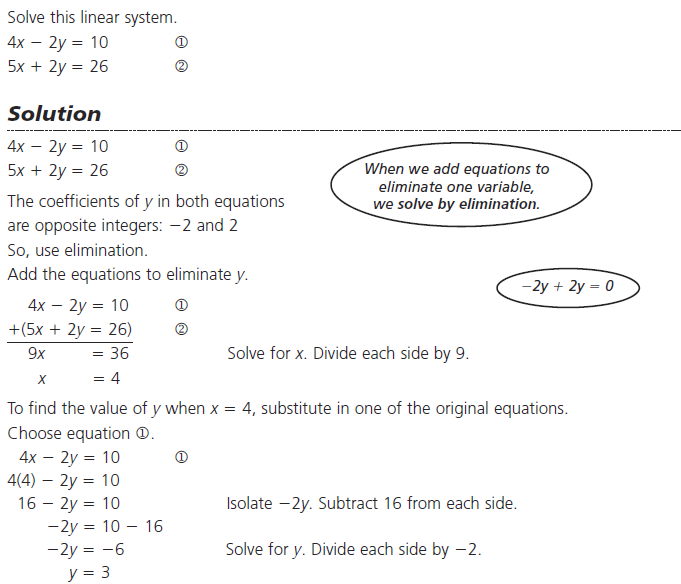


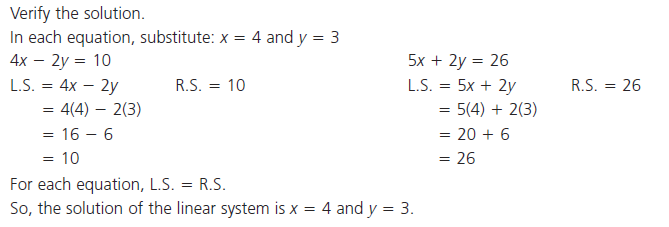
*Do Qn's p.441 #1&3*

**7.5 Solving Linear Systems by Elimination**

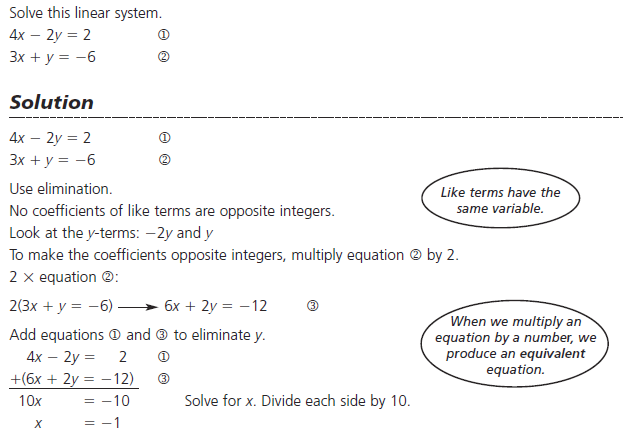


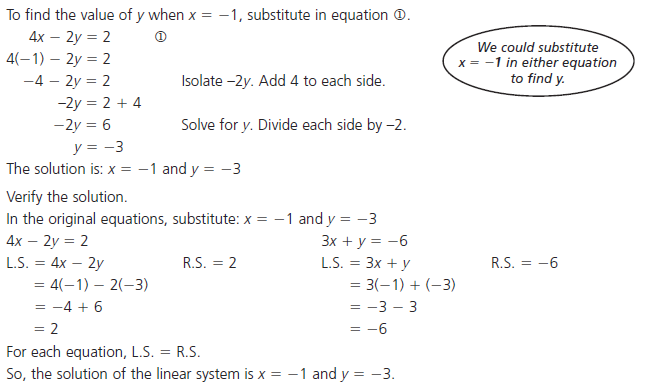
**Ex.1** Solving a Linear System by Adding to Eliminate a Variable



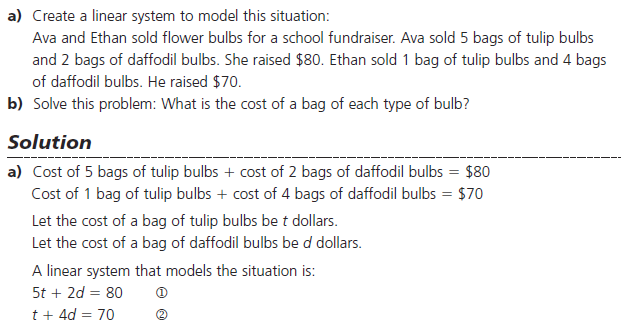


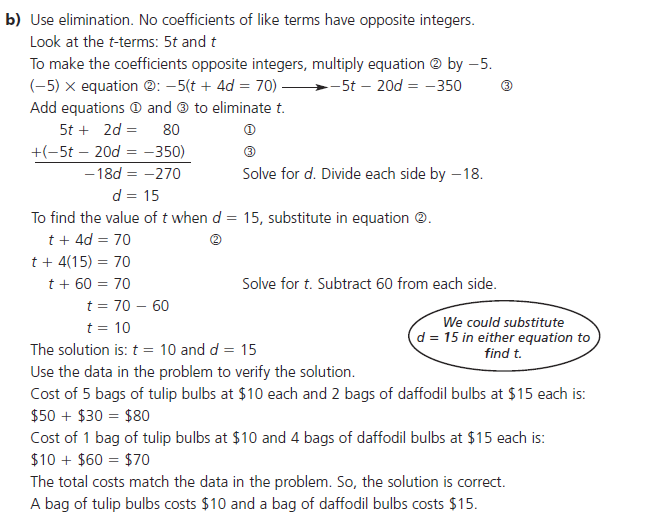
**Ex.2** Solving a Linear System by Multiplying to Change a Co-efficient





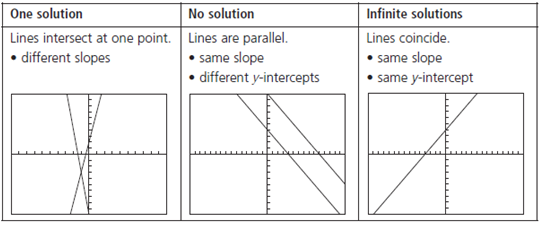
**Ex.3** Using Elimination to Solve a Word Problem



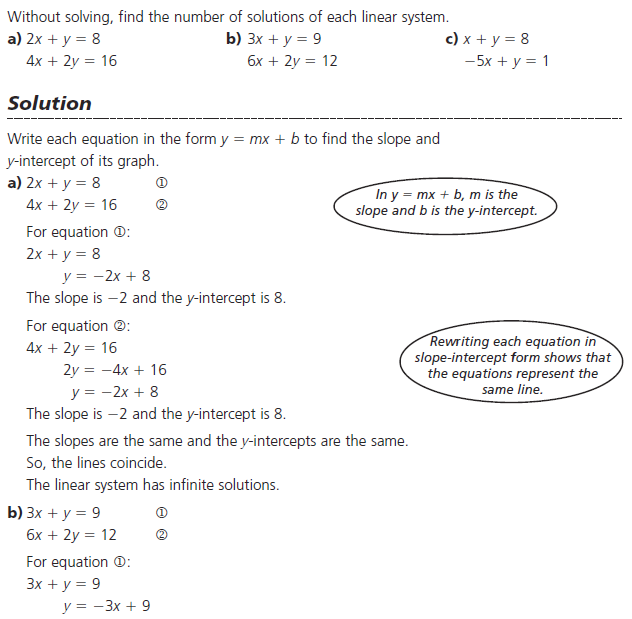
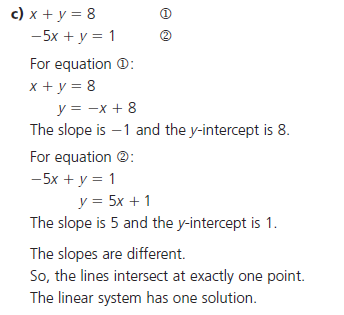


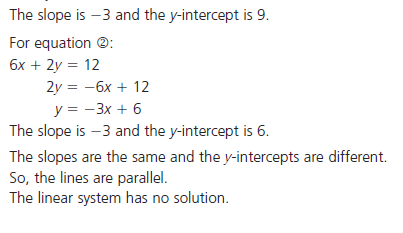
*Do Qn's p.441 #4-6*

**7.6 Properties of Systems of Linear Equations (number of solutions to a system)**



**Ex.1** Finding the number of Solutions to Linear Systems





*Do Qn's p.448 #7*

**Chp 7 Study Guide**

