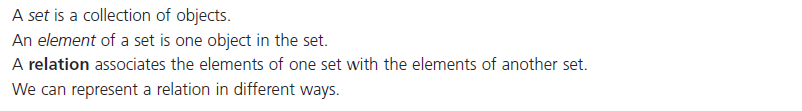
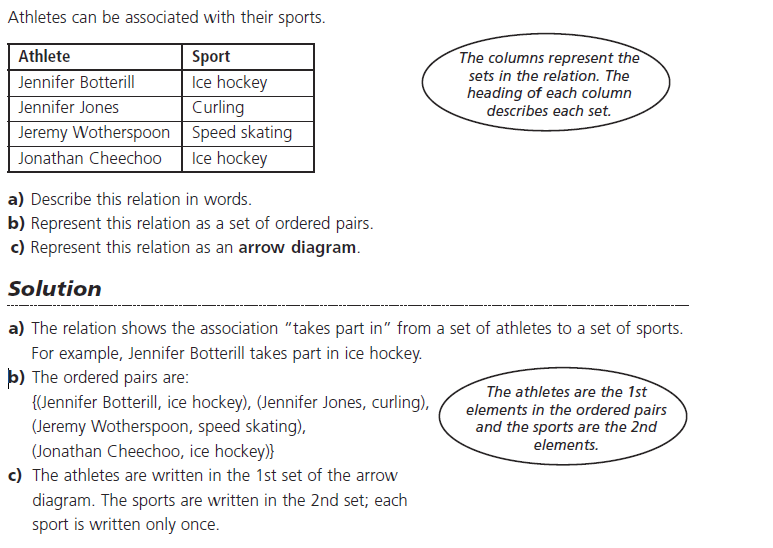
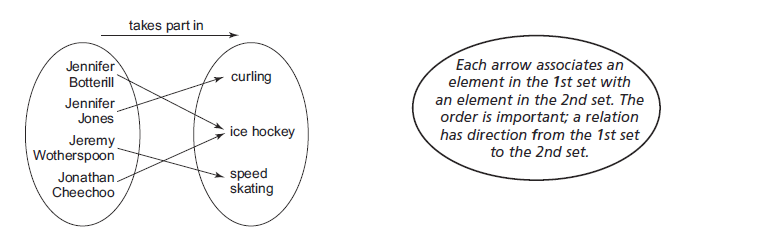
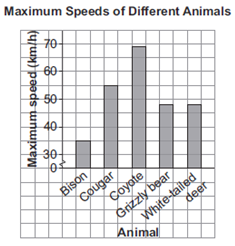
**Chp 5 Relations and Functions**

**5.1 Representing Relations**

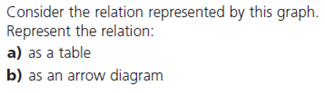


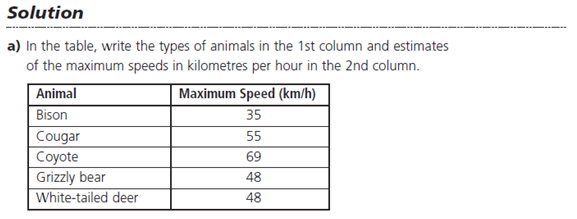
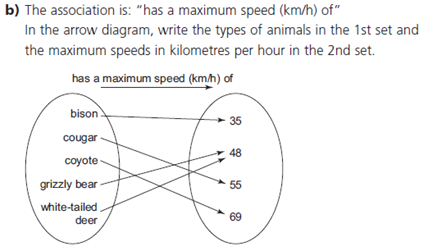
**Ex.1** Representing a relation given in a Table





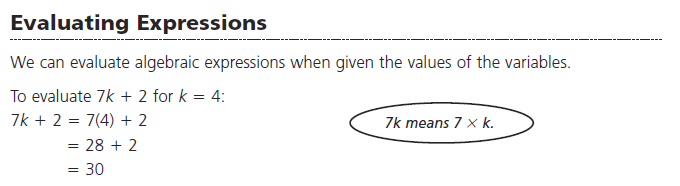
**Ex.2** Representing a Relation given as a Bar Graph

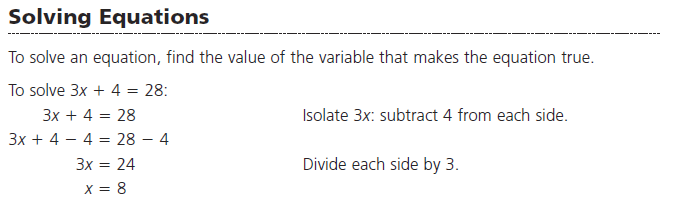




*Do Qn's p.275 #1*

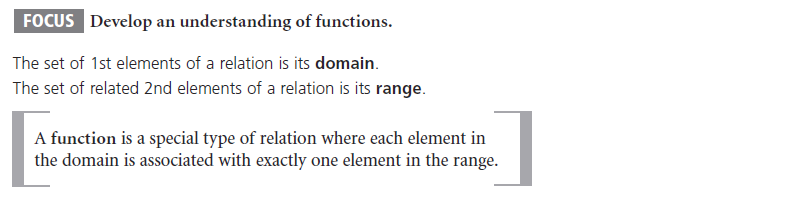
**5.2 Properties of Functions**



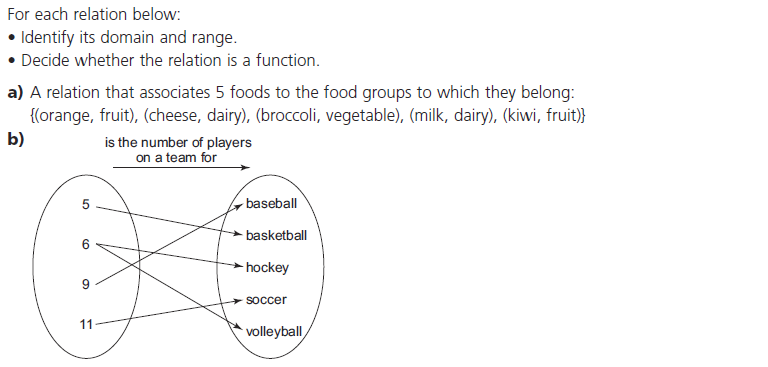


**Domain** of a function are the "inputs" or the "x-values" which a function can have.

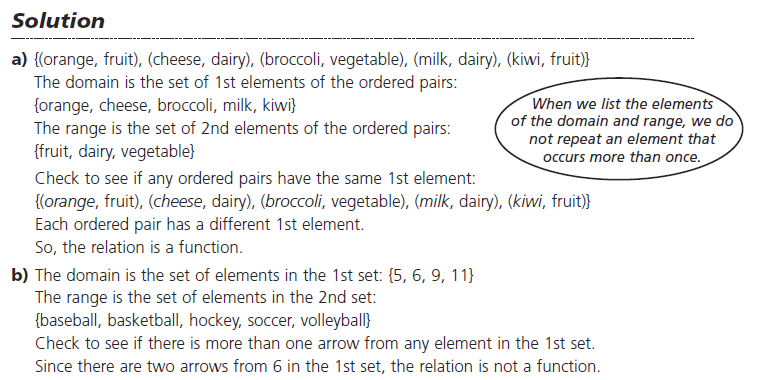
**Range** of a function are the "outputs" or "y-values" which a function can have.



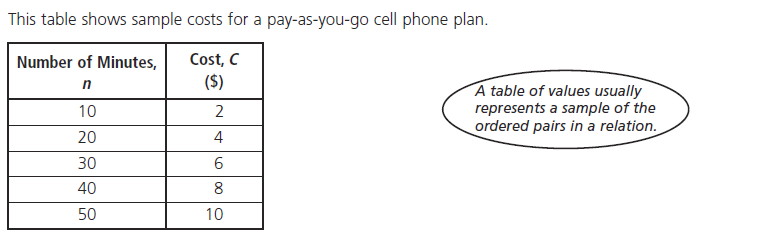
**Ex.1** Identifying Functions



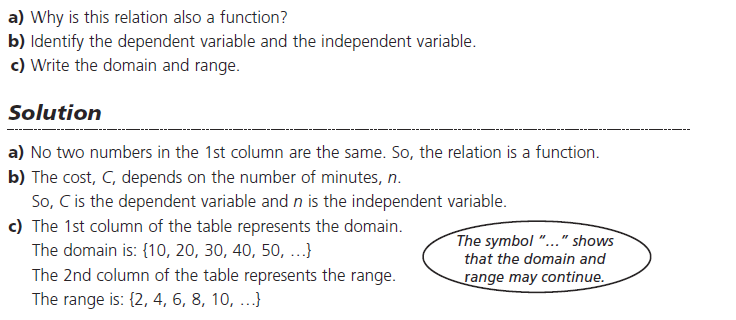
Input or "x-values" Output or "y-values"



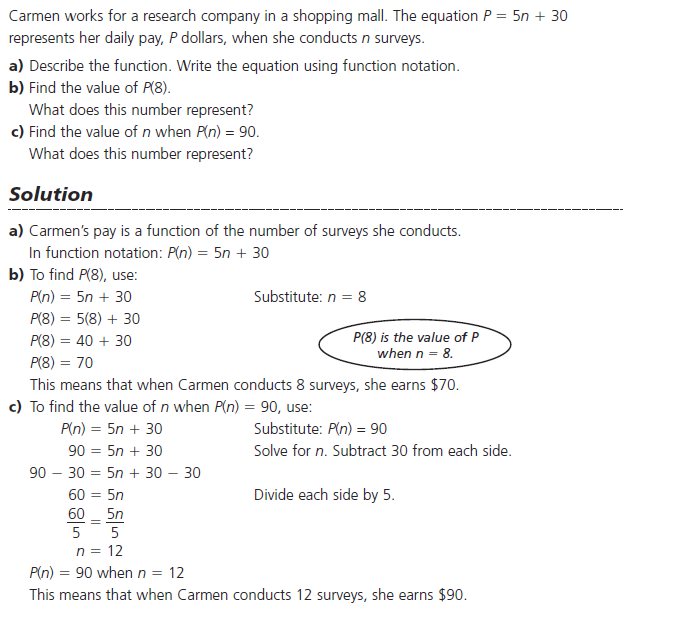
**Ex.2** Describing Functions



Input or "x-values" Output or "y-values"

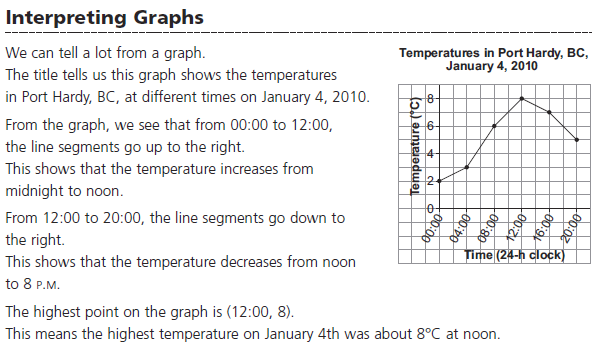


**Ex.3** Using Function Notation to Find Values

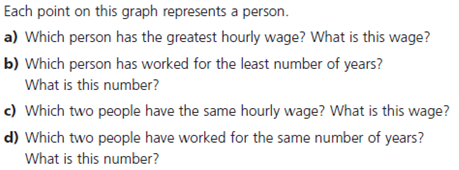
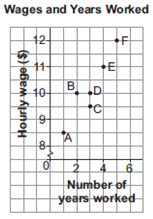
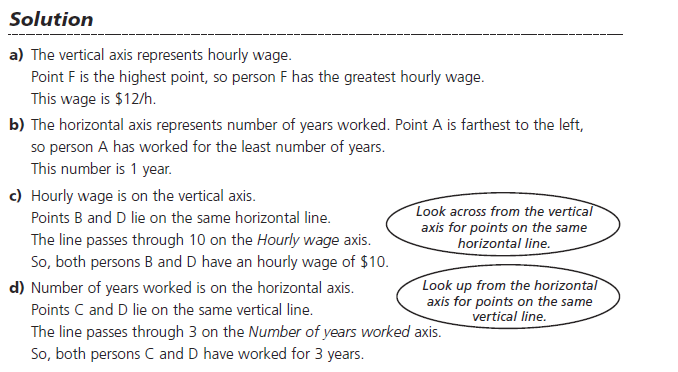
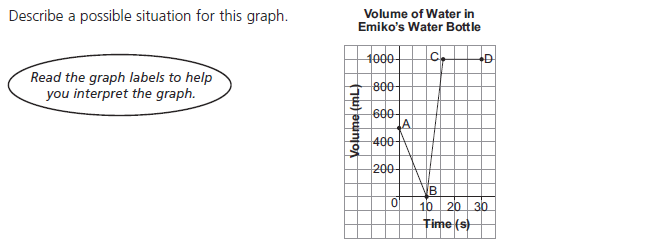


*Do Qn's p.275 #2-4*

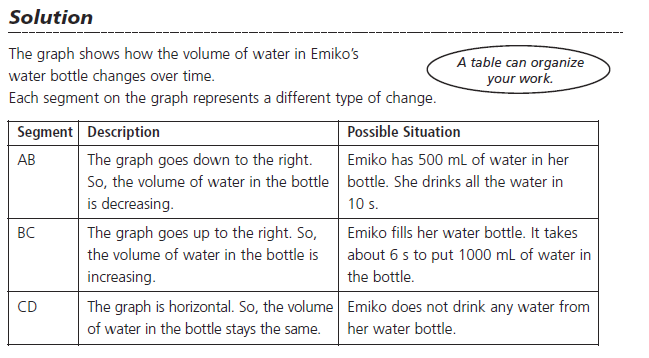
**5.3 Interpreting and Sketching Graphs**



**Ex.1** Interpreting a Graph

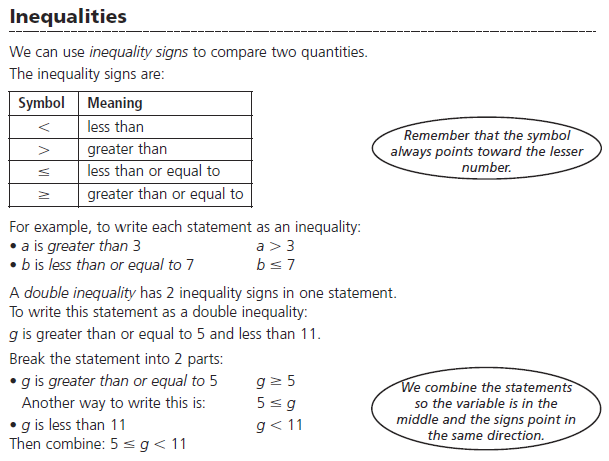
  


**Ex.2** Describing Graphs



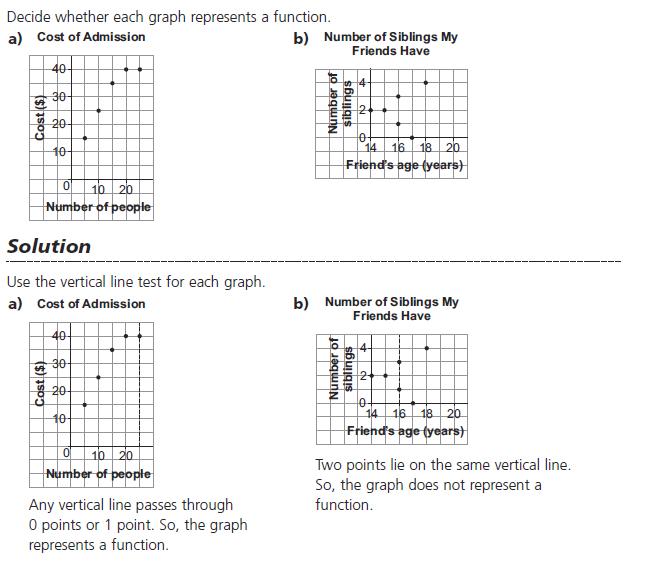
*Do Qn's p.299 #1*

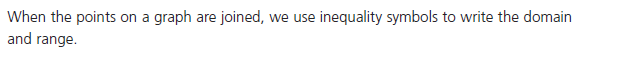
**5.5 Graphs of Relations and Functions**

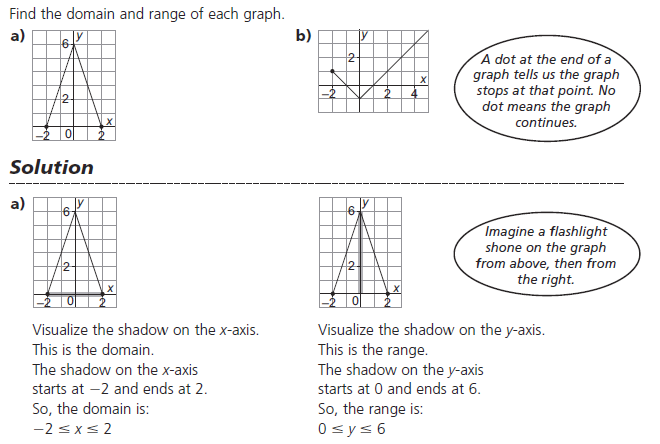


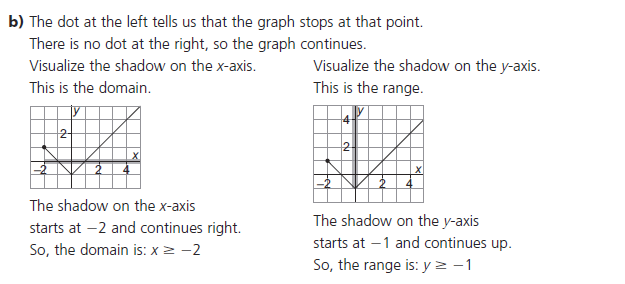


**Ex.1** Identifying the Graph of a Function

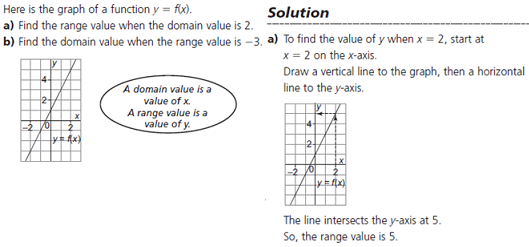
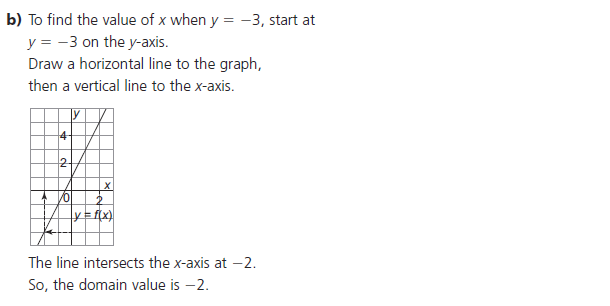






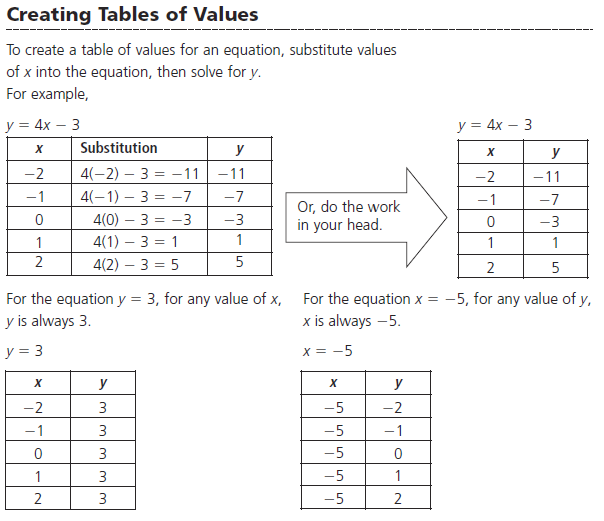


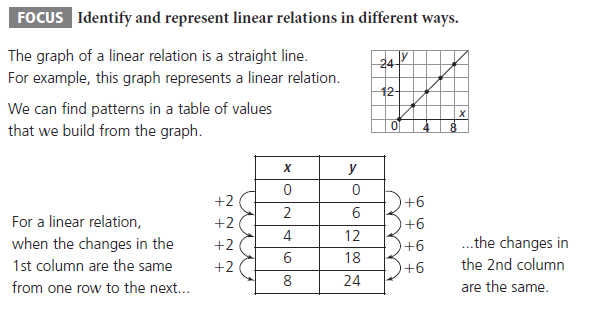
**Ex.3** Finding Values from the Graph of a Function



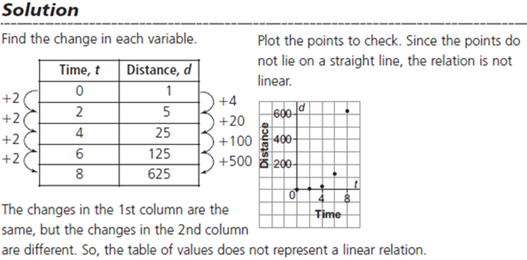
*Do Qn's p.299 #3*

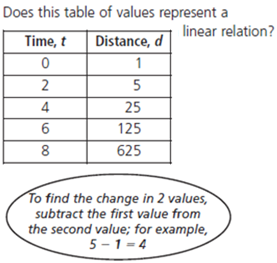
**5.6** **Properties of Linear Functions**



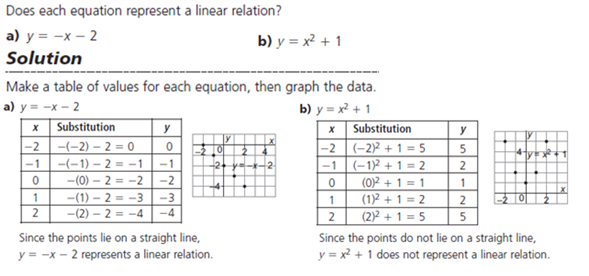


**Ex.1** Deciding if a Table of Values Represents a Linear Relation

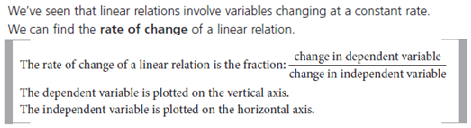


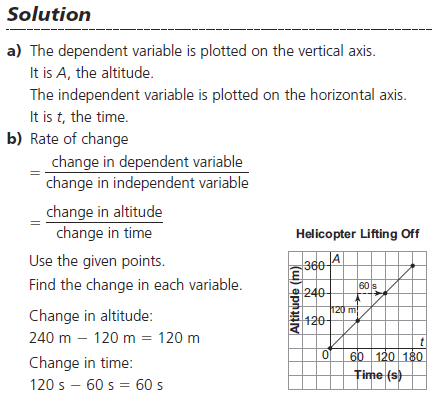


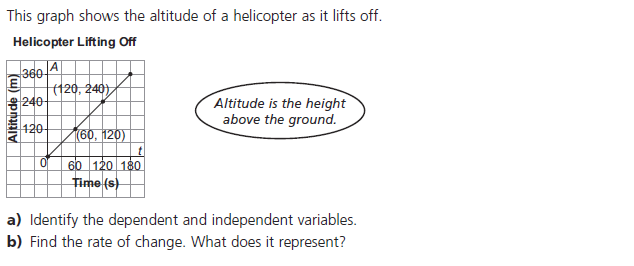
**Ex.2** Deciding if an Equation Represents a Linear Relation

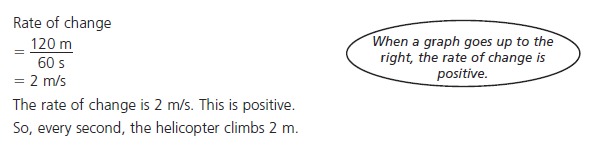


Slope or Rate of Change



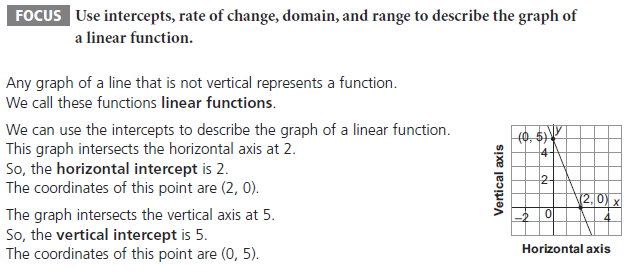
**Ex.3** Finding the Rate of Change of a Graph

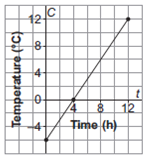


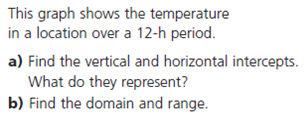


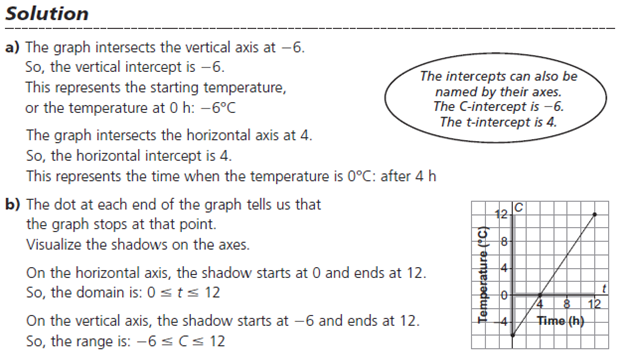
*Do Qn's p.308 #3&5*

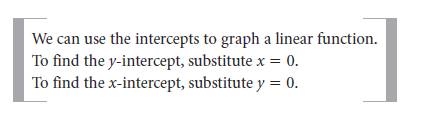
**5.7 Interpreting Graphs of Linear Functions**



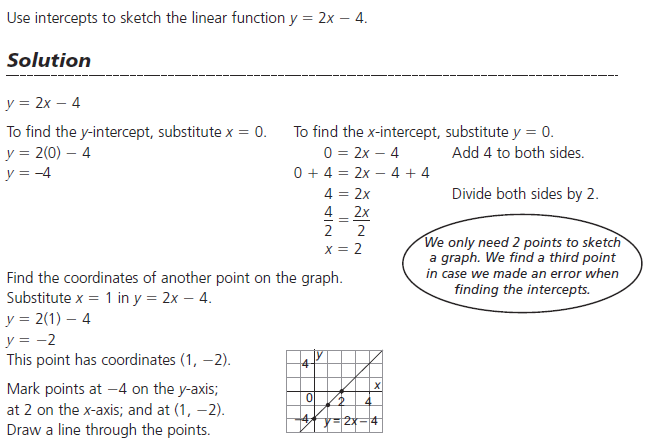
**Ex.1** Finding Intercepts, Domain, and Range of a Function



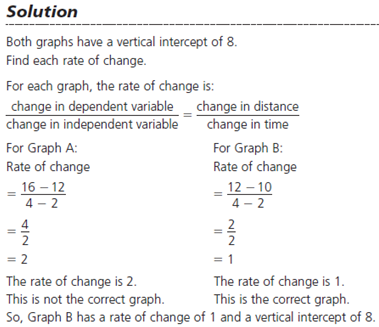
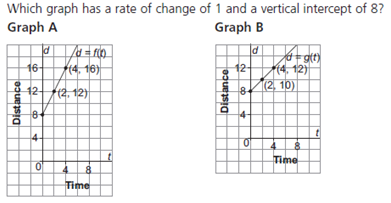




**Ex.2** Sketching a Graph using Intercepts



**Ex.3** Matching a Graph to a Given Rate of Change (Slope) and Vertical Intercept (y-intercept)

**

*Do Qn's p.319 #4&8*