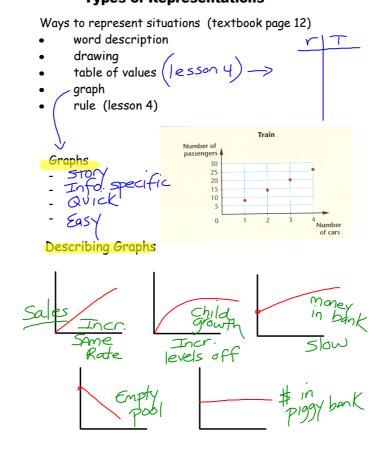
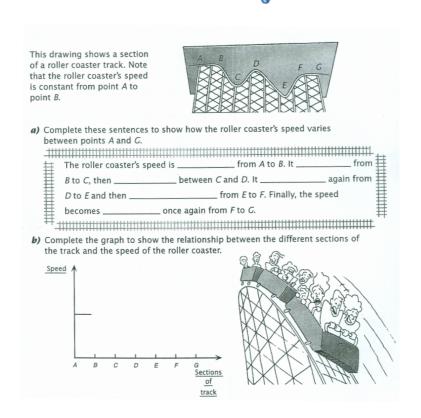
Lesson 2 Types of Representations



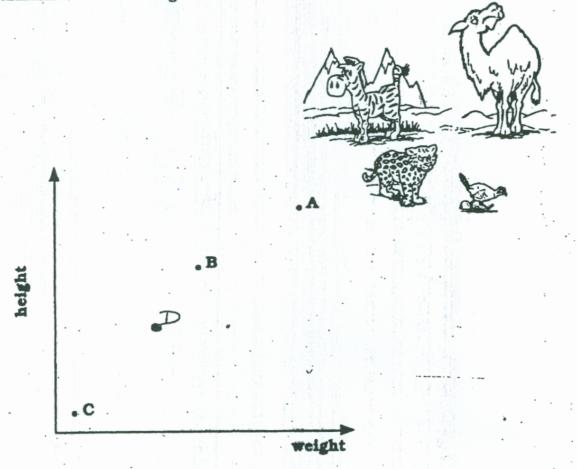
Roller coaster



Interpreting Data:

Activity 1 Translating From One Mode of Representation to Another

The points named on the graph tell us about the heights and weights of the animals in the drawing.



- (a) What are the two variables shown in the graph?
- (b) Decide which point matches each animal.
- (c) Write a short paragraph to explain your choices.

This material is adapted from Access to Algebra Book 1; Lowe, Johnston et al. Curriculum Coorporation, Australia 1995.

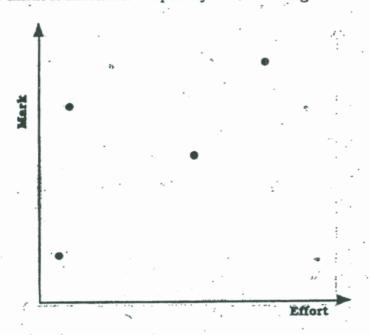
Interpreting Data:

Activity 2

The points named on the graph below describe the school report cards for five students.

- (a) Here are some comments the teacher wrote on their reports:
 - Ravi has not worked very hard this term. This has resulted in an extremely poor mark on his report.
 - Frank is a very capable student, as his mark clearly shows. His
 concentration and behaviour in class are very poor. With more
 effort he could do very well in this subject.
 - Charles has worked very well this term and deserves this marvellous mark. Bravo!
 - Andre has worked reasonably well this term, and has achieved a satisfactory test mark.

Write each of the names Ravi, Frank, Charles and Andre next to the point you think it matches. Explain your reasoning.



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