

Approach: Independent

Year: 8

Focus: Interpreting a table and completing a graph

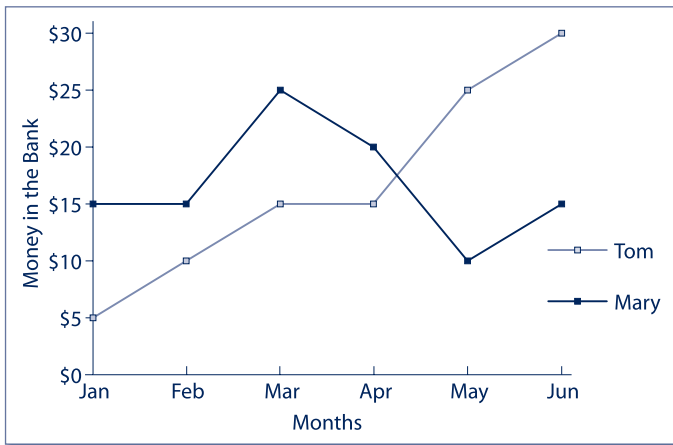
Resources: Ruler, table and line graph in work book

Questions / instructions:

This table shows how much each child in a family had in the bank from January to June.

	Jan.	Feb.	Mar.	Apr.	May	Jun.
Mary	\$15	\$15	\$25	\$20	\$10	\$15
Tom	\$5	\$10	\$15	\$15	\$25	\$30
Jake	\$10	\$20	\$10	\$5	\$20	\$25

This line graph shows the bank balances for Mary and Tom. Use the information from the table to draw the line for Jake.



Jan:	marked at \$10	90
Feb:	marked at \$20 (±1)	72
Mar:	marked at \$10 (±1)	72
Apr:	marked at \$5 (±1)	74
May:	marked at \$20 (±1)	72
Jun:	marked at \$25 (±1)	74

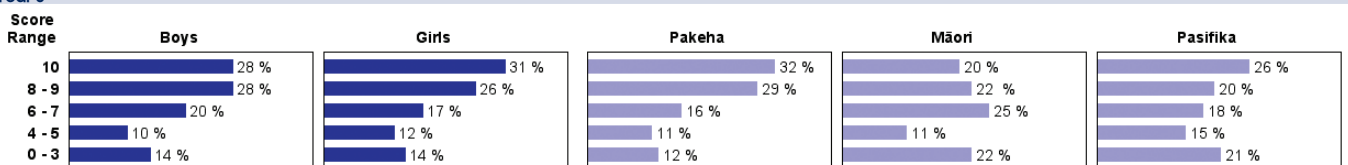
Line drawn:
(i.e. squares, marks, dots connected up with line)
 marked tidily between marked points 51
 marked but quite roughly 39

Line appropriately labelled:
 positioned with and labelled like Tom and Mary 53
 labelled but in another way 4

Total score:	10	29
	8-9	27
	6-7	19
	4-5	11
	0-3	15

Subgroup Analyses:

Year 8



Commentary:

Year 8 students were moderately successful on this task, with over half of the students scoring 8 or better. They were generally successful at finding the points on the graph but had somewhat more difficulty with line drawing and labelling. Gender and ethnic differences were quite small.