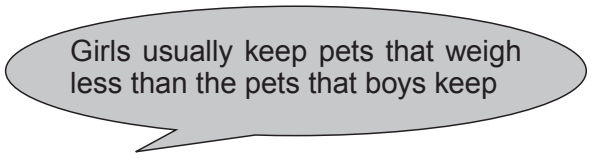
Examiner only

(c) Carl also completed a project about pets.
He decided to weigh all his friends' pets.

Carl says



The stem-and-leaf diagram shows the results of Carl's survey.

Weight of boys' pets (kg)		Weight of girls' pets (kg)
2 1	4	
1 1	3	2
3 2 1	2	2 3 5 9 9
5 3	1	1 3 4 6 8
8 7 4 2 2 2	0	7 9

Key: Boys' pets 3 | 2 means 23 kg
Girls' pets 3 | 2 means 32 kg

By finding each of the mode, median and range for the weights of the boys' pets and the weights of the girls' pets, decide if Carl is correct.
You must show all your working and give a reason for your decision. [4]

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