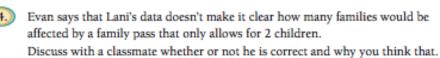


- a. Which graph is not suitable for displaying this kind of data?
- b. Which of the other two graphs provides the least information?
- Lani says that about half of the students in her class have 2 or more siblings (brothers or sisters).
 - Is this true, and how do we know?
 - b. Which graphs are best for answering this question? Why?





Activity Two

Lani thinks her data can tell her something about the families of the students in her class. She draws a grid and starts by entering a tally mark for her family, which has 4 boys and 1 girl.

Draw and complete the grid for the families of the other students in Lani's class.



	0	1	Boys 2	3	4
0					
1					I
Girls 2					
3					
4					

- (2.) Lani says:
 - "No family has 3 girls only."
 - ii. "Only 7 families have equal numbers of boys and girls."
 - iii. "Twice as many families have no boys as have no girls."
 - iv. "More than half the families have 1 girl."
 - v. "Most families have just 2 children."
 - vi. "The number of families with 2 girls is the same as the number with 2 boys."

Using the finished grid, discuss each of Lani's statements with a classmate.



Activity Three

- Collect sibling data from your classmates.
 Analyse it in different ways. (See Lani's displays for some examples.)
- Discuss with a classmate what you have learnt about the families of the students in your class.
- What are the main differences between Lani's data and yours?



Focus

Collating, displaying, and interpreting data