

Concept: Statistics

Skill: I can interpret and present data using bar charts, tables and pictograms.

SMALL STEP: Tables (PS) - PURPLE

1. The table below shows some children's favourite ice cream flavours. The number of boys' votes decreases by 6 each time whilst the number of girls' votes increases by 4 each time.

	Vanilla	Strawberry	Mint	Chocolate	Pistachio	Rocky road
Number of boys		47				
Number of girls			32			
Total						

Complete the table and answer the questions.

- A. How many more children voted for vanilla than pistachio?
- B. How many children like strawberry and chocolate altogether?
- C. Which three flavours, when combined, have a total that is larger than 210 but less than 220?

Working out/Answer

2. Use Sian's clues to find out how many brothers and sisters the children in the choir have.



Sian

- The number of boys who have one sister is three times greater than the total number of children who have three or more sisters.
- The number of boys who have one brother is one less than the difference between the number of girls who have one sister and girls who have one brother.
- The difference between the total number of girls and boys who voted is a multiple of 10.

	Has one sister	Has one brother	Has two brothers	Has 3+ sisters	Total
Girls	49	27	31		111
Boys			16	8	

Working out/Answer