



S19-10min Bar and Composite Bar Charts: 10-minute Pack

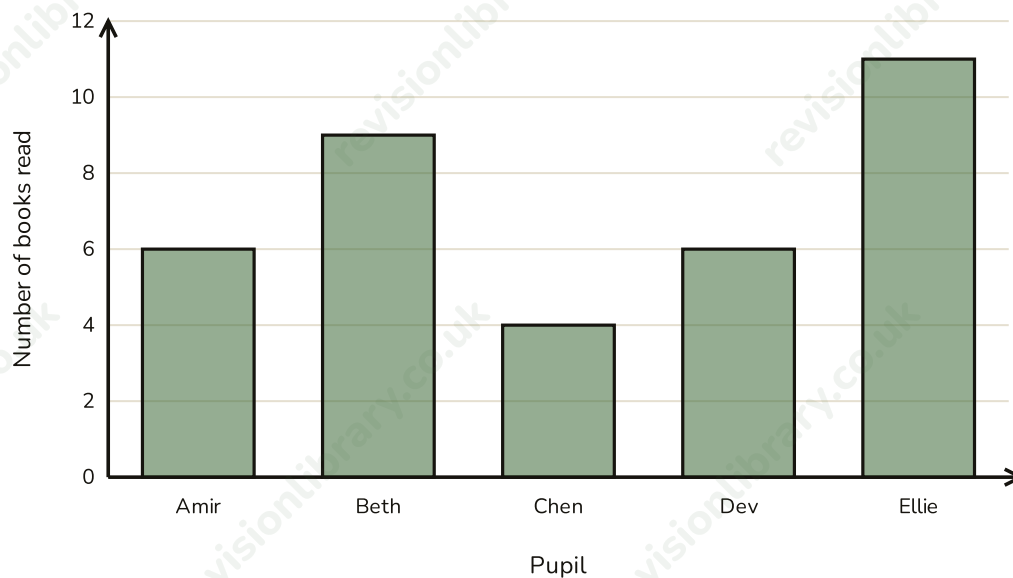
EDEXCEL 1ST0 · Calculator allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / ____

Answer ALL questions. Show all your working.

- 1** The bar chart shows the number of books read by 5 friends during the summer holidays.



- (a) Write down how many books Chen read. (1)

.....

- (b) Two of the friends read the same number of books as each other. Write down their names. (1)

.....

- (c) Work out how many more books Ellie read than Beth. (2)

.....

(Total for Question 1 is 4 marks)

- 2** A bar chart shows the number of books read over the summer by 4 students: Ana 9, Ben 6, Cleo 11, Dax 6. Two of the students read the same number of books. Work out how many more books Cleo read than Ana.

(Total for Question 2 is 2 marks)

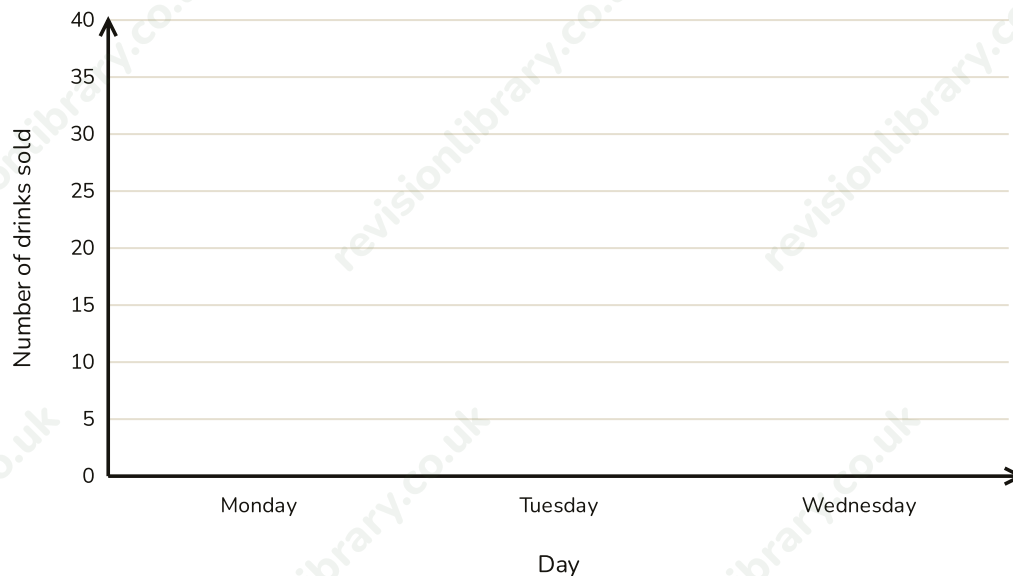
- 3** State one advantage of a bar chart over a table of raw numbers, when comparing several categories at a glance.

(Total for Question 3 is 1 mark)

- 4 The table shows the number of hot drinks and cold drinks sold at a cafe over three days.

Day	Monday	Tuesday	Wednesday
Hot drinks	18	22	15
Cold drinks	12	9	20

On the grid, draw a composite (stacked) bar chart to show this information. For each day, stack the cold drinks segment on top of the hot drinks segment.



(Total for Question 4 is 4 marks)

Mark scheme · S19-10min Bar and Composite Bar Charts: 10-minute Pack

Question 1

- (a) **B1** 4 cao
- (a) **Answer: 4**
- (b) **B1** Amir and Dev cao
- (b) **Answer: Amir and Dev**
- (c) **M1** 11 - 9, oe
- (c) **A1** 2 cao
- (c) **Answer: 2**

Question 2

- **M1** 11 - 9, oe
- **A1** 2 cao
- **Answer: 2**

Question 3

- **B1** a valid comparative advantage, e.g. it lets you compare category sizes visually and quickly, without reading each number individually, oe
- **Answer: A bar chart lets you compare category sizes visually and quickly, without reading each number individually.**

Question 4

- **B1** a suitable uniform scale chosen on the frequency axis, starting at 0, reaching at least 35
- **B1** hot drinks segment drawn correctly from 0 for all three days: Monday 18, Tuesday 22, Wednesday 15
- **B1** cold drinks segment stacked correctly on top, giving totals of Monday 30, Tuesday 31, Wednesday 35
- **B1** chart fully labelled, with both axes labelled and a key/legend distinguishing hot and cold drinks
- **Answer: Stacked bars with hot/cold segments giving totals: Monday 30, Tuesday 31, Wednesday 35.**