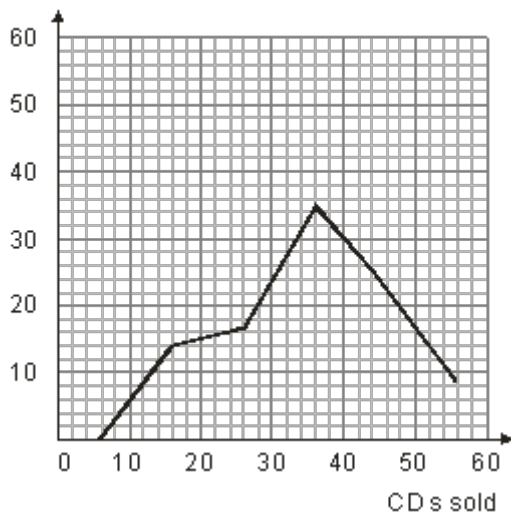Q1.   Kevin and Joe each manage a shop that sells CDs. Kevin's shop is in the High Street and Joe's is in the Retail Park.
They want to compare the sales of CDs in each of their shops for the first 100 days of the year.

Frequency

CDs sold

Kevin's information about the number of CDs sold each day in the High Street shop is shown on the grid. Each class interval is 10 CDs wide.

Joe's information about the number of CDs sold each day in the Retail Park shop is shown in the table.

Number of CDs sold each day	Frequency
0 – 10	10
11 – 20	34
21 – 30	24
31 – 40	13
41 – 50	7
51 – 60	12

Compare the sales of CDs in the two shops.

(Total 4 marks)

M1.

		Working	Answer	Mark	Additional Guidance
QWC **i, iii** **FE**		Makes a comparison of the shape of the distribution by drawing Makes a comparison of the modal classes(31—40, 11—20) Makes a comparison of the class intervals that contain the medians.(31—40, 21—30) Works out an estimate of the total sales of each shop(2635, 3530)	Correct comparisons	4	**B1, B1, B1** for any 4 of the following done correctly Plots frequency polygon or produces table compares modes compares medians compares total sales **C1** for comments on shape of the distributions **QWC: Decisions should be stated, and all comments should be clear and follow through from any working or diagrams**
					Total for Question: 4 marks

Resource currently unavailable.