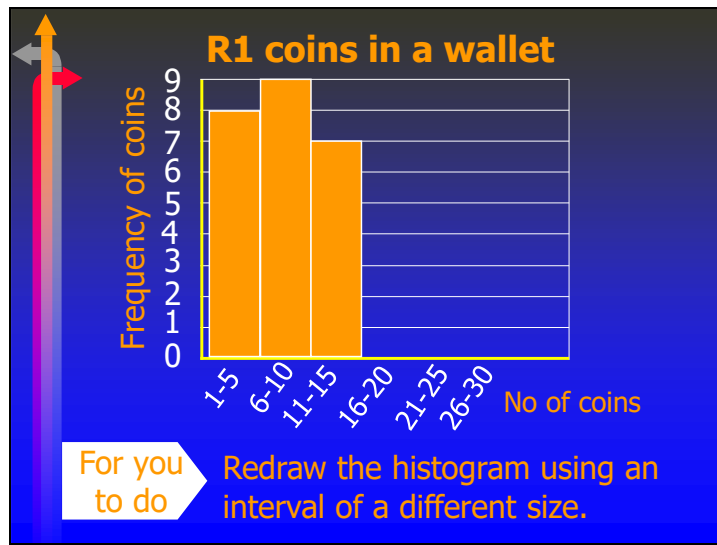
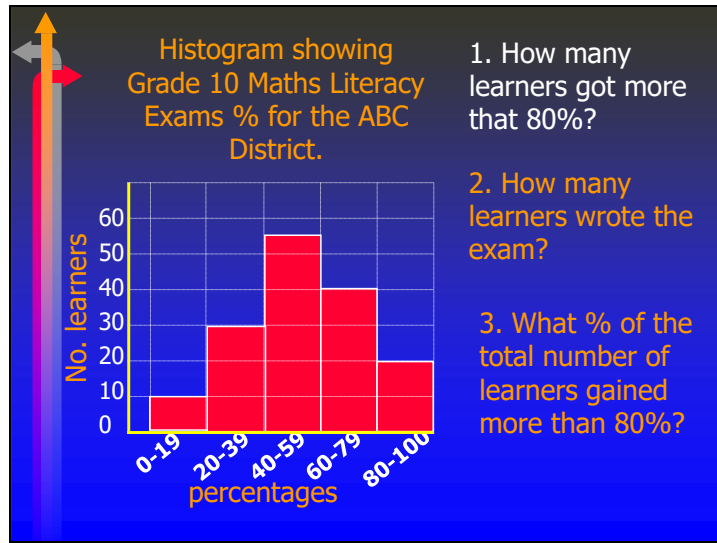


**Grouping &
Displaying Data**
using
histograms & line graphs
AS – 10.4.2



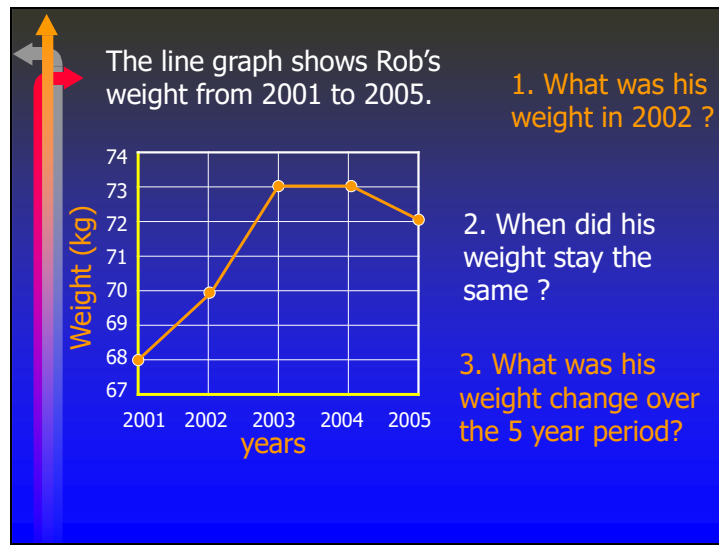





1. How many learners got more than 80%?

2. How many learners wrote the exam?


3. What % of the total number of learners gained more than 80%?



Multiple Line Graphs



| year | CD | DVD |
|------|-----|-----|
| 1991 | 400 | 100 |
| 1992 | 375 | 180 |
| 1993 | 350 | 230 |
| 1994 | 275 | 270 |
| 1995 | 310 | 350 |



Task

Display the data on the left in a multiple line graph on the next slide, The data for CDs has been completed for you already



To recap

A **bar graph** is used to compare separate units. It can compare more than one set of data.

A **circle graph** compares parts to a whole. It cannot compare two data sets.

A **histogram** is used with grouped data. It shows data in a similar way to bar graph. It cannot read **exact** data as it is grouped.

A **line graph** shows how an amount changes over time. It can compare multiple continuous data easily.
