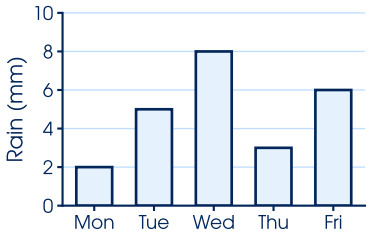
GCSE HIGHER · REVISION MAT 4

Charts and frequency polygons

1 Which day had the most rain?

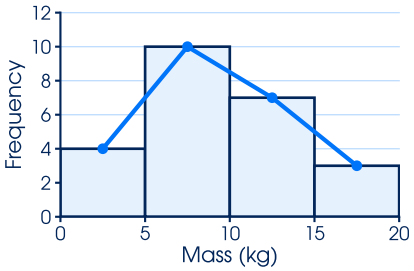


2 36 people chose a colour.

What angle represents one person in a pie chart?

3 Explain why the angles in a pie chart add up to 360°.

4 How many values were recorded?

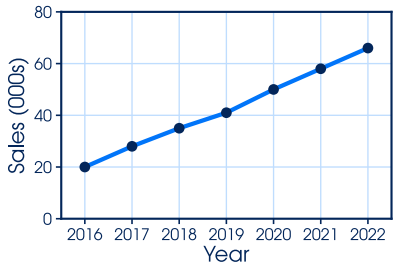


5 Show that the median is 61.

5	2 4 8
6	0 1 1 6
7	3 5

Key: 5 | 2 = 52

6 Describe the trend in the number of phones sold.



7 Explain why you should not join the points on a bar chart of categories.

8 In a pie chart, the angle for walking is 150°.

25 more people walk than cycle (60°).

How many people are in the survey?

Mr&Mrs MATHS

ANSWERS · REVISION MAT 4

Charts and frequency polygons

1 Wednesday

2 360 ÷ 36 = 10°

3 The whole circle represents the whole data set.

4 4 + 10 + 7 + 3 = 24

5 9 values: 5th is 61

61

6 Sales increase steadily each year.

7 The categories are separate; there are no values in between.

8 90° = 25 people

100