Name:

Exam Style Questions

Line Graphs

Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
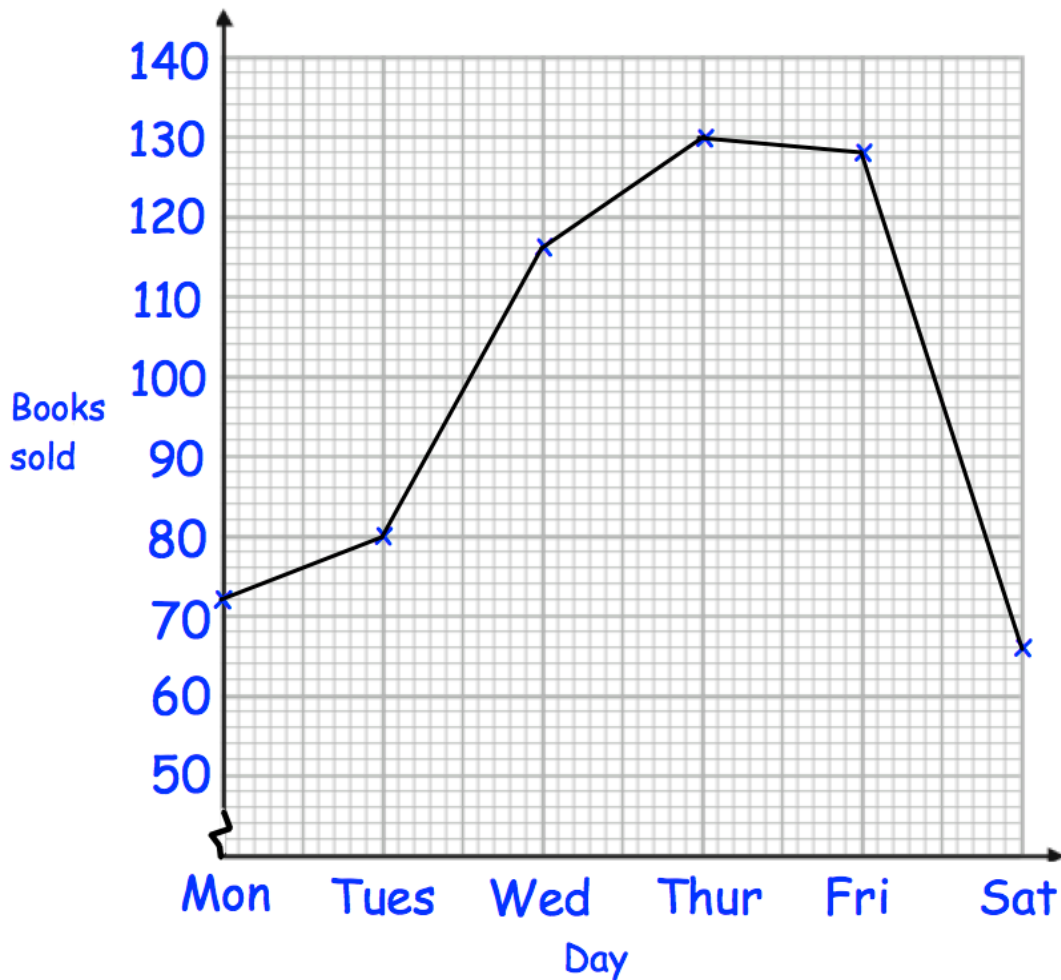4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 160

1. Below is a line graph that shows how many books are sold in a charity shop over one week.

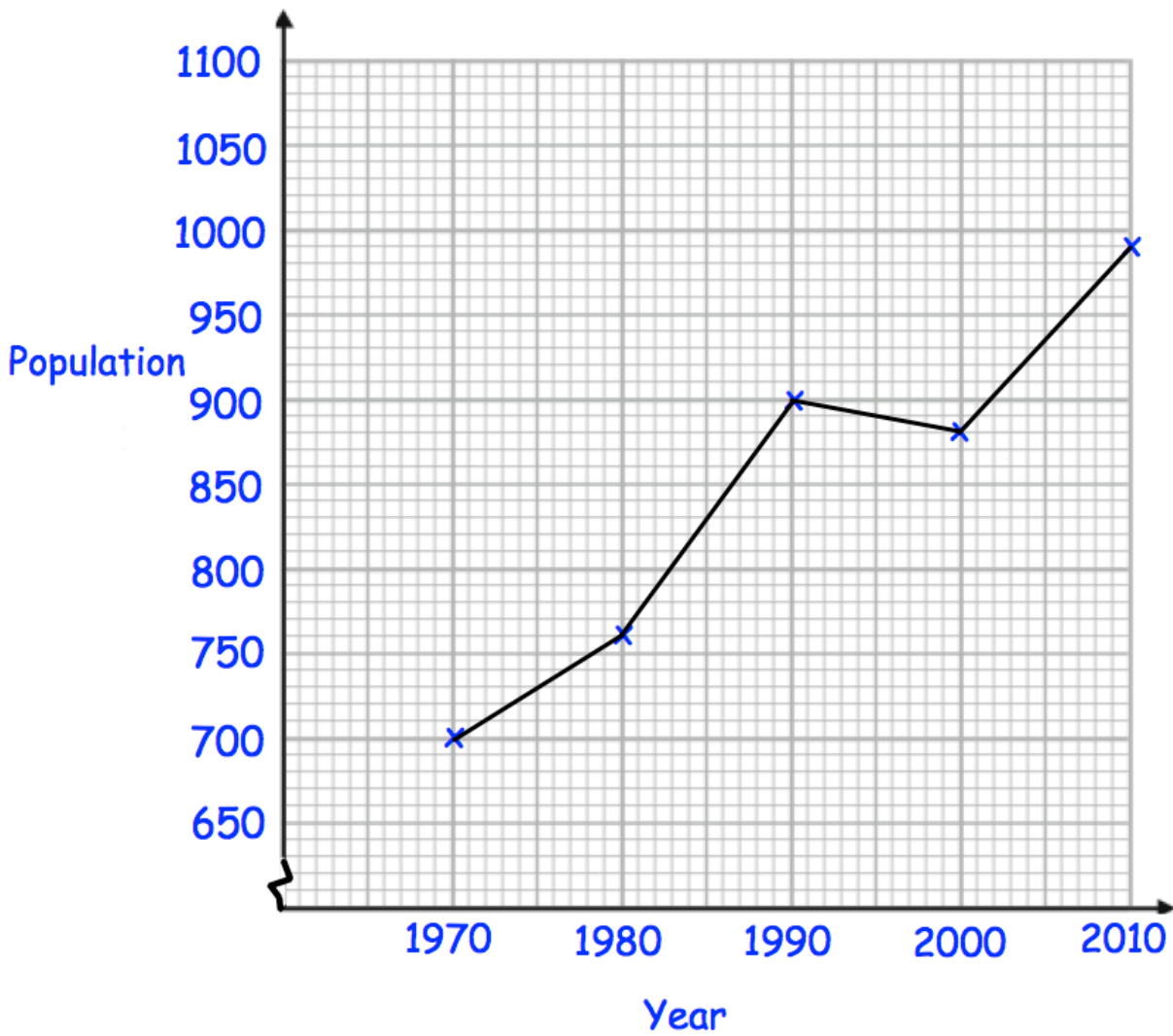(a) On which day did the charity shop sell the most books?

....
(1)

(b) On which day did the charity shop sell the least books?

....
(1)

(c) How many books were sold on Tuesday?

....
(1)

2. Below is a line graph that shows the population of a village.

(a) What was the population in 1980?

....

(1)

(b) In which year was the population 700?

....

(1)

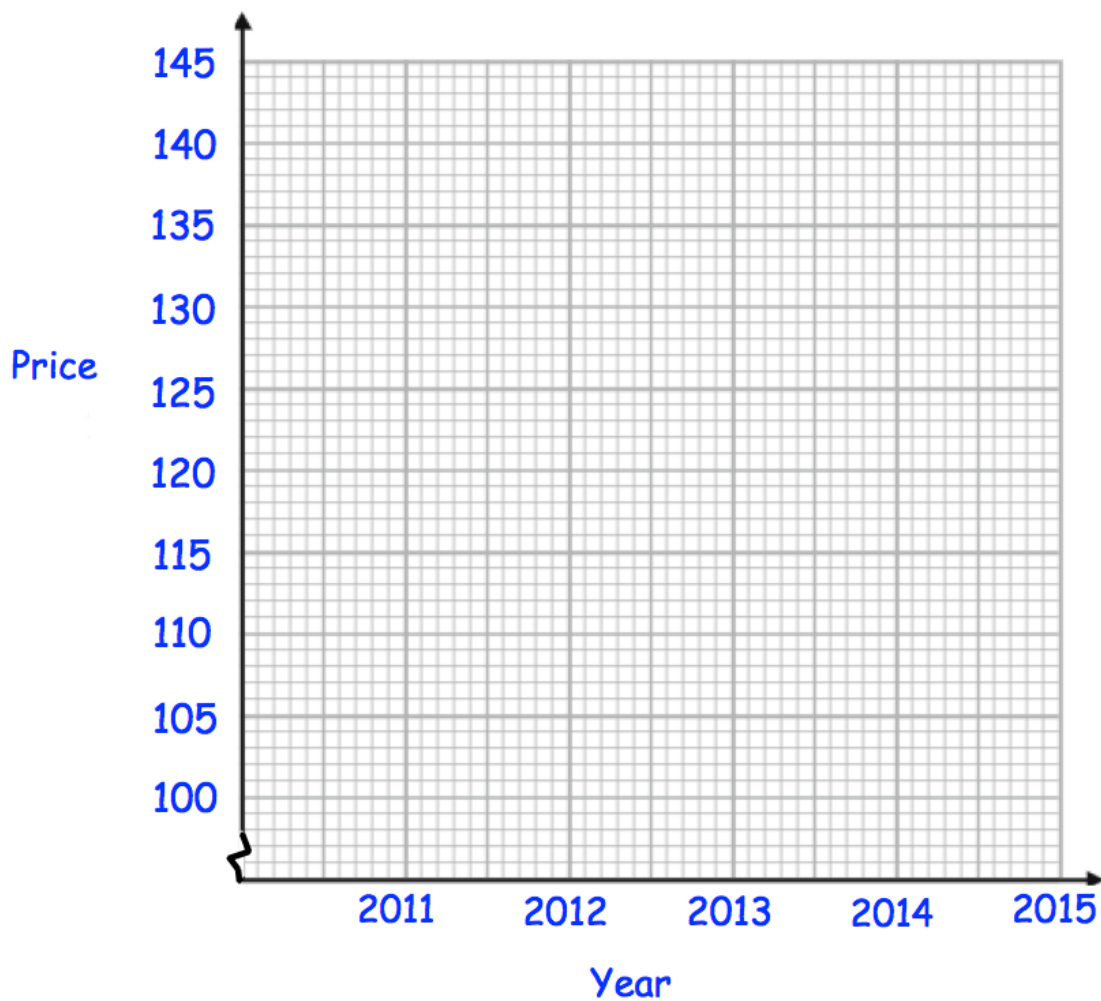The population is expected to increase by 120 by 2020.

(c) Work out the expected population in 2020.

....

(2)

3. The table shows the average price of unleaded petrol in England over 5 years.

Year	Price in pence
2011	111
2012	128
2013	133
2014	132
2015	108

(a) Draw a line graph for the data

(2)

(b) Between which two consecutive years did the price increase the most?

.... and ....

(1)

4. The table shows the percentage of the vote that the Purple Party received in six general elections.

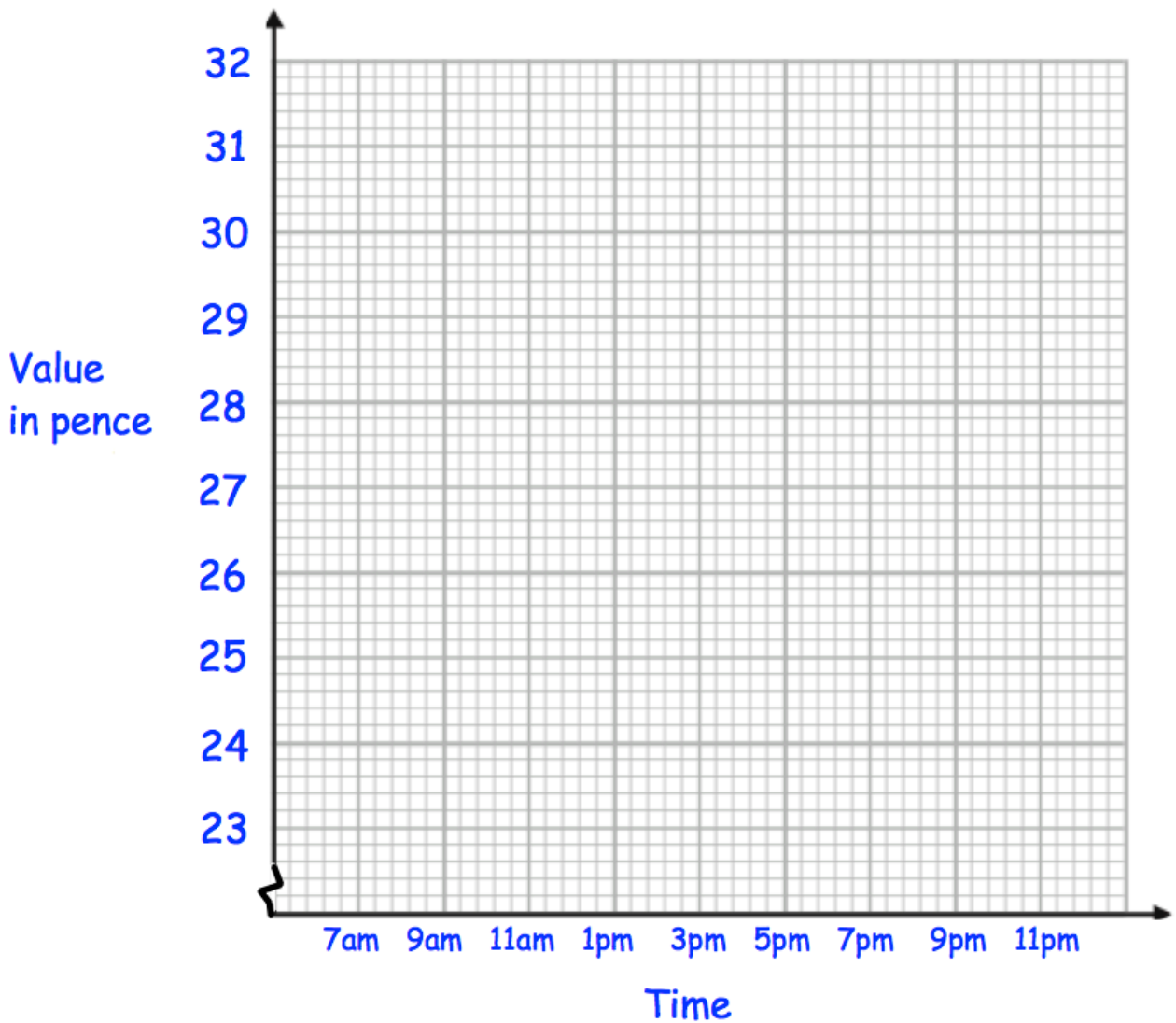| Year	Percentage
1986	20%
1991	11%
1996	24%
2001	30%
2006	16%
2011	18%
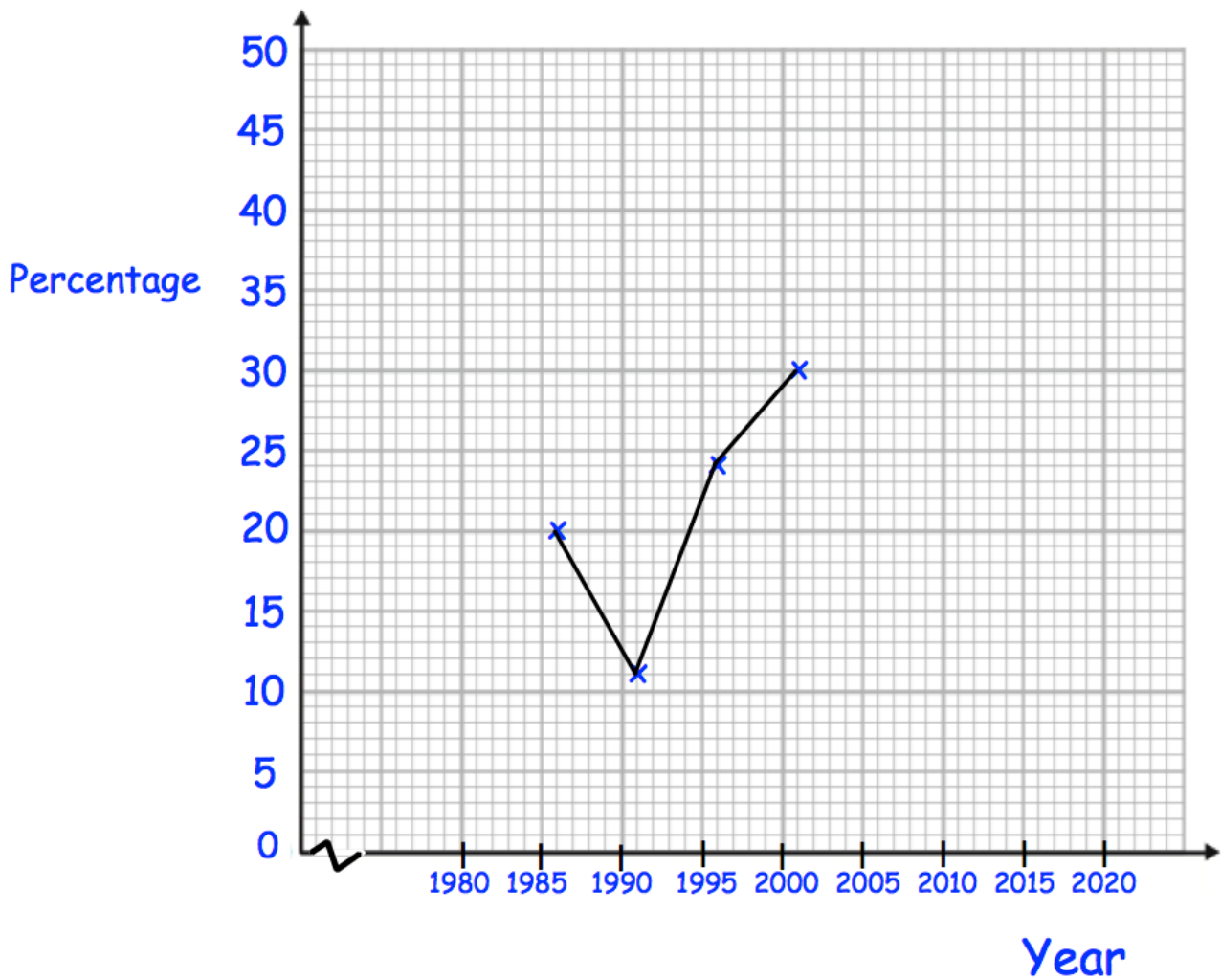
Complete the line graph.

(2)

5.   The table shows the value of a share in a mobile phone company over one day.

Time	Value
9am	30.2p
11am	31.4p
1pm	29.6p
3pm	25.8p
5pm	24.2p
7pm	25.6p

Draw a line graph for the data

(2)

6.   The table shows the number of customers each lunchtime at an ice cream parlour.

Day	Customers
Monday	42
Tuesday	47
Wednesday	3
Thursday	36
Friday	40
Saturday	31

(a) Draw a line graph for the data
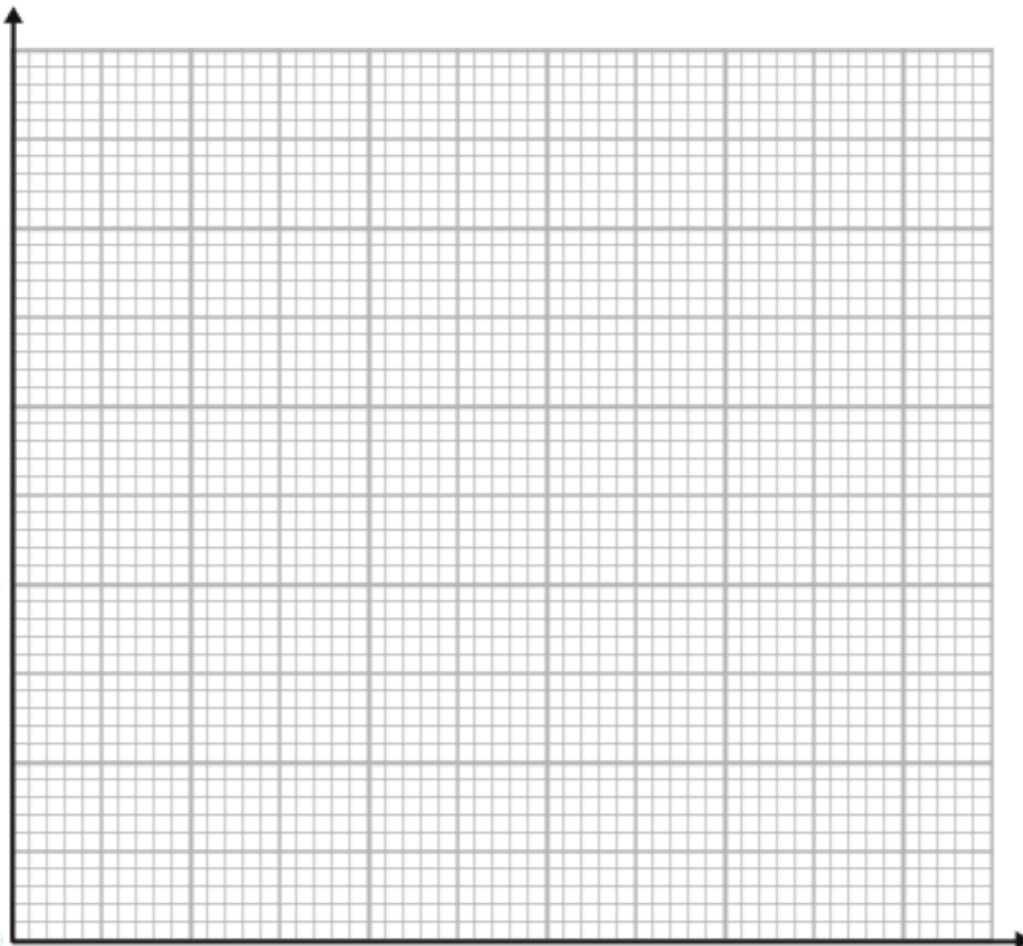
(3)

(b) On which day did the ice cream parlour have the most customers?

....
(1)

(c) Work out how many customers visited the ice cream parlour in total.

....
(2)

(d) Give a possible reason why there were only 3 visitors to the ice cream parlour on Wednesday.

....

....

....

(1)