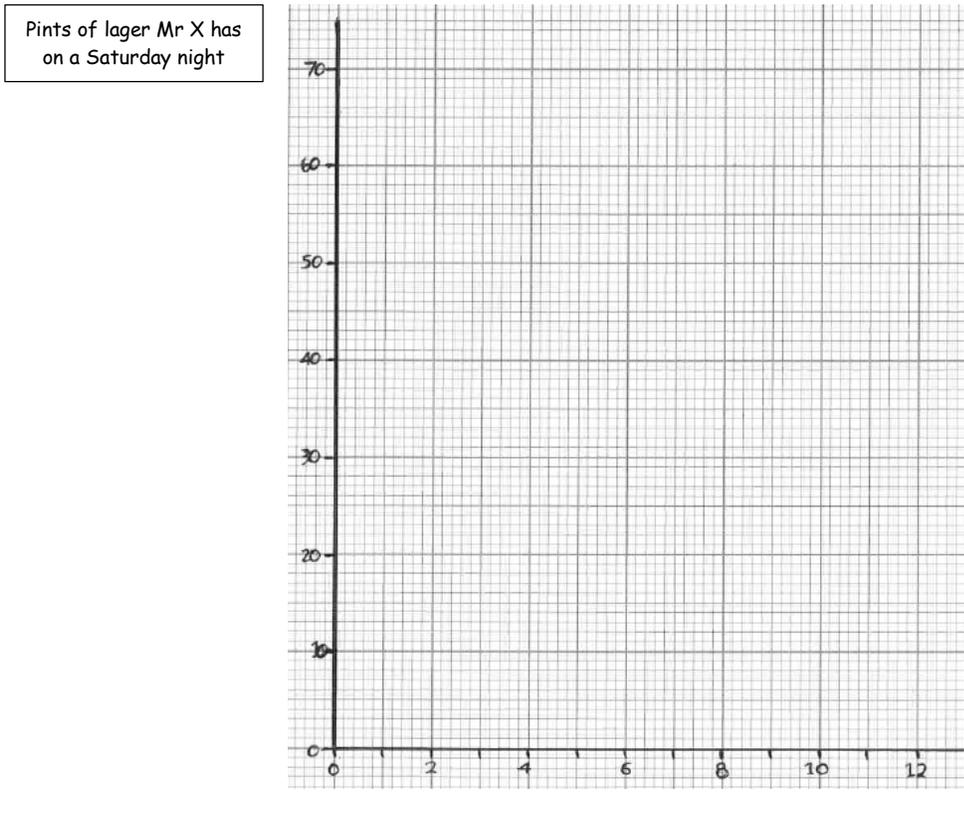


Scatter Graphs

Pints of lager Mr X has on a Saturday night	5	8	9	1	4	4	7	12	6	0
Number of books he marks on Sunday morning	40	25	22	60	38	34	22	1	31	70

- Draw a scatter graph for this data.
- Describe the type of correlation the graph shows.
- Draw a line of best fit.
- Estimate the number of books Mr X would mark after 3 pints. ←

Identify 3 pints. Draw a line to meet the line of best fit... Then to the other axis.

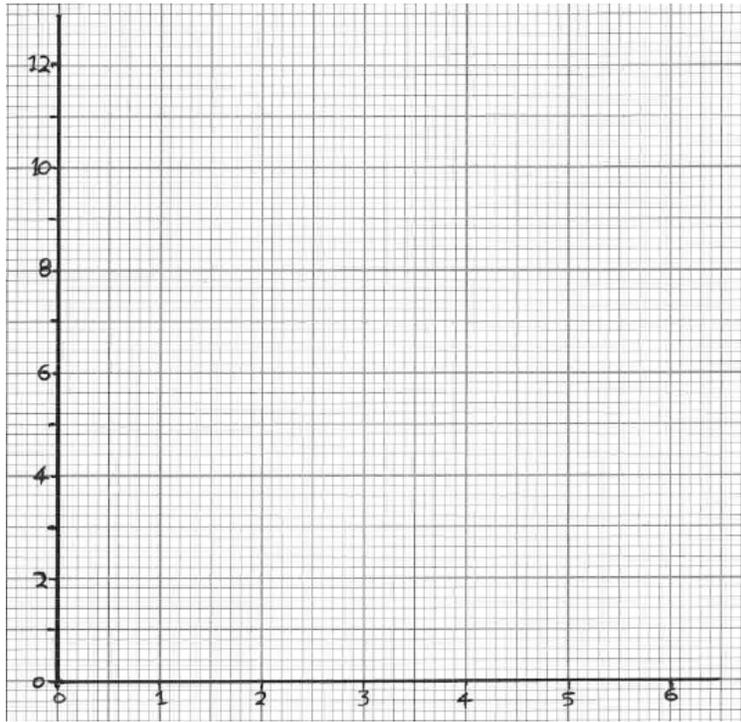


Number of goals Arsenal concedes at the weekend	1	3	0	1	2	5	0	0	4	5
Number of pupils I give detentions on Monday	2	6	0	3	5	10	1	0	7	12

- Draw a scatter graph for this data.
- Describe the type of correlation the graph shows.
- Draw a line of best fit.
- Estimate the number of detentions I would give if Arsenal concedes 6 goals. ←

Identify 6 goals. Draw a line to meet the line of best fit... Then to the other axis.

Number of goals Arsenal concedes at the weekend



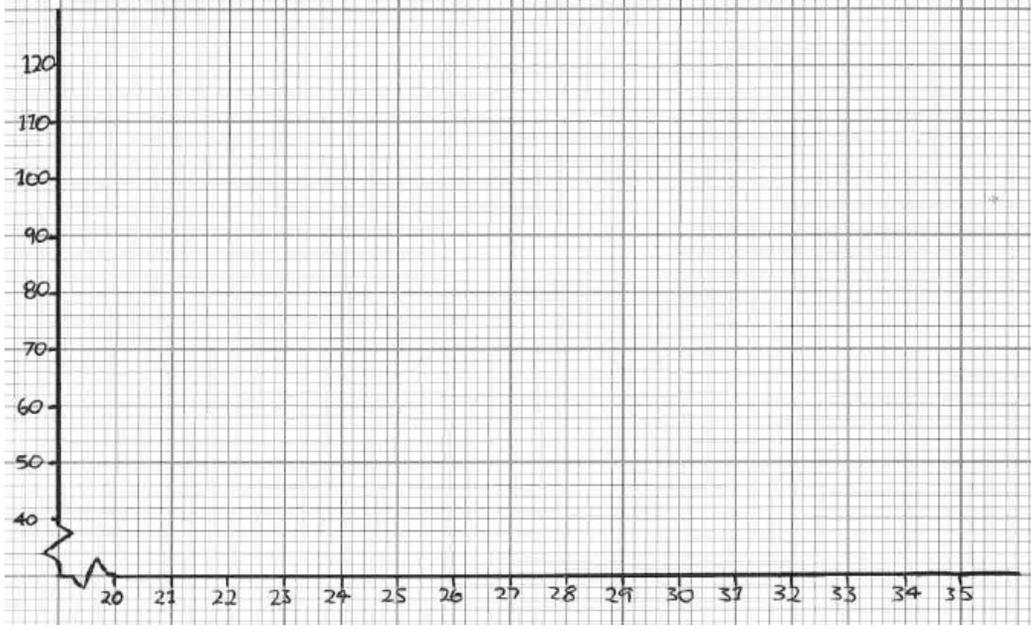
Number of pupils I give detentions on Monday

Temperature in Turkey (degrees Celsius)	31	24	30	24	35	29	31	30	35	27
Money in my bank account (£)	100	90	40	60	120	90	110	100	70	100

- Draw a scatter graph for this data.
- Describe the type of correlation the graph shows.
- Draw a line of best fit.
- Estimate the temperature in Turkey if I have £80 in my bank account.

Identify £80. Draw a line to meet the line of best fit... Then to the other axis. Estimate.

Temp in Turkey (degrees Celsius)



Money in my bank account (£)