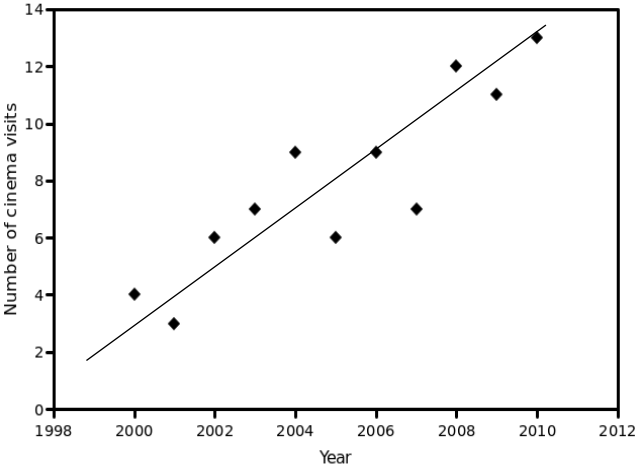
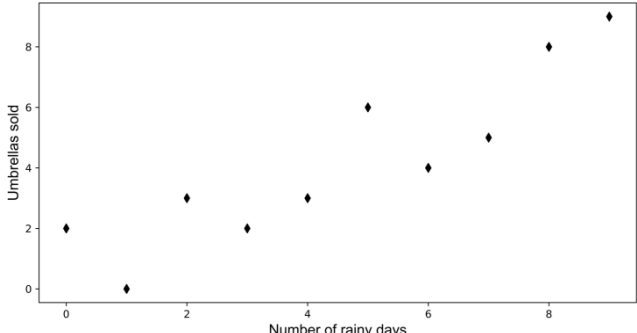
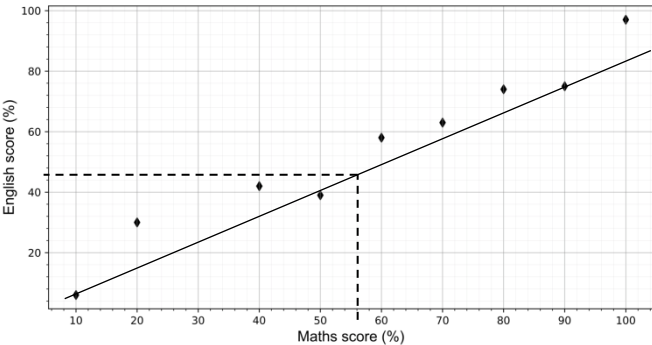
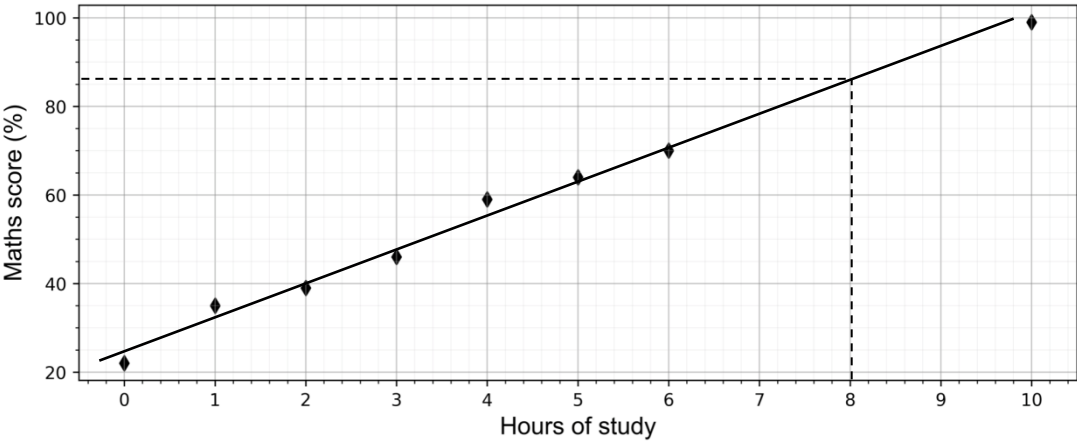
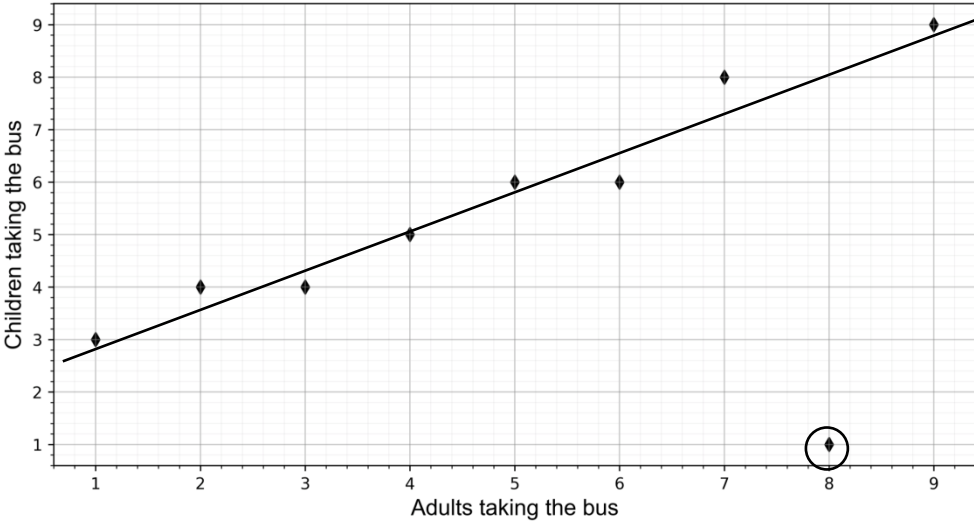


Scatter Graphs Mark Scheme

1		[1]
2(a)	Strong Positive Correlation	[1]
2(b)	No correlation	[1]
2(c)	Strong positive correlation	[1]
2(d)	Strong negative correlation	[1]
3		[1] Correctly plotted [1] Correct y-axis labels [1] Correct x-axis labels
4(a)		[1] Correct line of best fit
4(b)	50% \pm 5%	[1]
4(c)	The line of best fit doesn't give exact answers, but an approximation based off the other scores.	[1]

Turn over ►

5(a)		
		[1] Line of best fit [1] Finding y when $x = 8$
5(b)	85% \pm 5%	[1]
6	The line of best fit doesn't go up to 7 hours.	[1] Allow statement that describes the trend changing beyond the last data point.
	The line of best fit gives an estimate.	[1]
7(a)		
		[1] Correct axes [1] Correctly plotted data [1] Line of best fit
7(b)	(8,1)	[1] Correctly circled outliers
7(c)	Nothing as lines of best fit ignore outlier data	[1]
7(d)	Hence the correlation would be the same	[1]

END