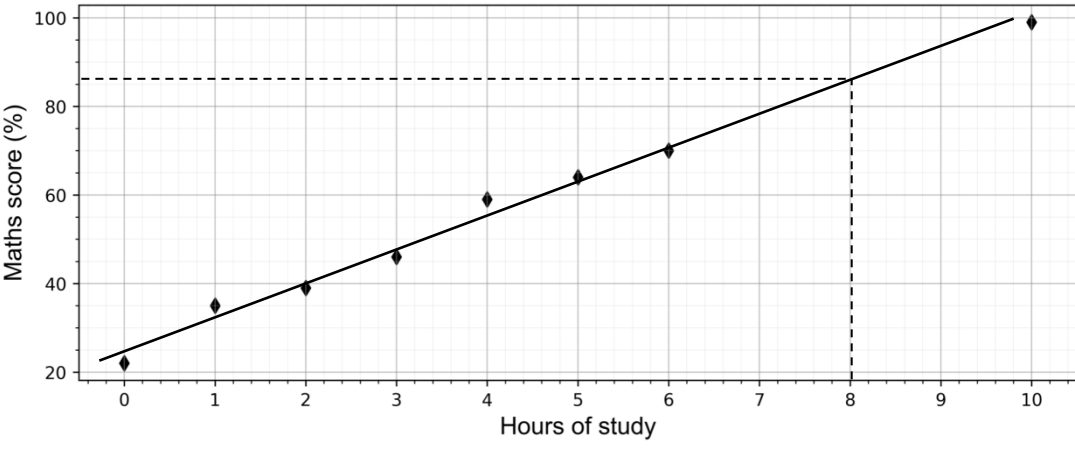
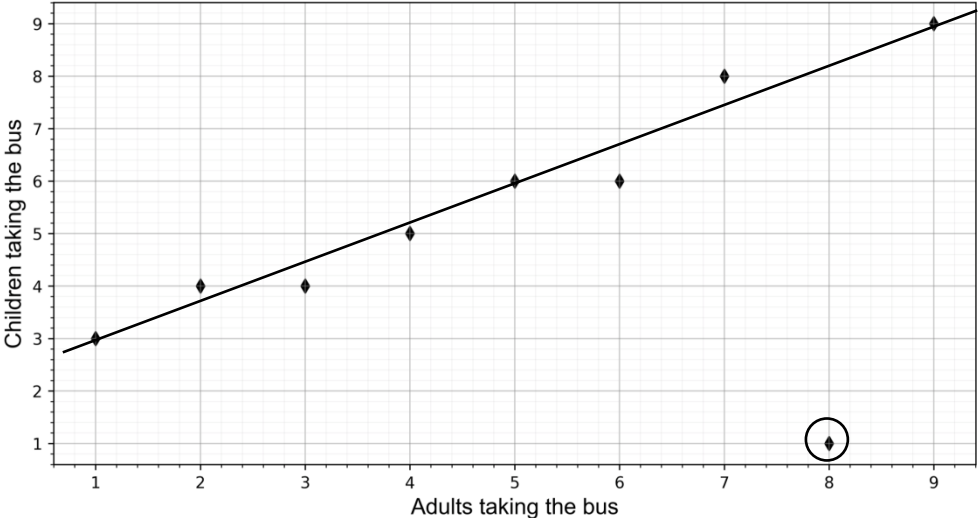


Scatter Graphs Mark Scheme		
<b>1</b>		[1]
<b>2(a)</b>	Strong Positive Correlation	[1]
<b>2(b)</b>	No correlation	[1]
<b>2(c)</b>	Strong positive correlation	[1]
<b>2(d)</b>	Strong negative correlation	[1]
<b>3</b>		[1] Correctly plotted [1] Correct y-axis labels [1] Correct x-axis labels
<b>4(a)</b>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

Turn over ►

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

END