

Question	Answer	Mark	Mark scheme	Additional guidance
21	<p>(a) Positive</p> <p>(b) 60 - 70</p> <p>(c) Yes and reason</p>	<p>B1</p> <p>B2</p> <p>(B1</p> <p>C1</p>	<p>for positive</p> <p>for an answer in the range 60 to 70</p> <p>for drawing a suitable line of best fit or for marking a point (55, y) where y is in the range 60 to 70 or for a line drawn up from $x = 55$ and stopping in the range 60 to 70)</p> <p>for a suitable explanation, eg yes, that is outside of the range of the data</p> <p>Acceptable examples Yes, it is extrapolation She is correct because the graph starts at 20 mph Yes, as the first point is above 10 mph Yes, following the line of best fit it would be negative Yes, there is no data close to this Yes, there are no points near that number Yes, there is no data shown around 10 mph / at 10 mph</p> <p>Not acceptable examples Yes, the line of best fit ends at 20 mph Yes, there is not enough information Yes, there is no data before 10 mph so you can't find an estimate Yes, because estimates are not reliable No, ...</p>	<p>Ignore any description of a relationship and any reference to strength of correlation</p> <p>Must be a straight line and stay within overlay.</p>