

Question number			Answer	Notes	Marks
8	(a)	(i)	3.1 (cm);		1
		(ii)	<b>any value above candidate's answer for (a)(i) up to and including 14.6cm;</b>		1
	(b)	(i)	idea that speed is the gradient/slope of the graph; gradient is not constant;  (therefore) speed is not constant;	<b>e.g. "it's a curve"/"it's not a straight line"</b>  allow description of how the speed is varying e.g. zero at turning points, maximum when steepest	3
		(ii)	any cross drawn at a peak/trough on the curve;  crosses drawn at all three peaks and all three troughs;	reject if contradicted by a cross drawn in an incorrect place by eye	2

Total for Question 8 = 7 marks