Question number			Answer	Notes	Marks
6	(a)		MP1. Substitution into correct equation; MP2. Rearrangement; MP3. Divide by 2; MP4. Conversion between km and m; e.g. 1.5 x 1000 = 1500 Speed = distance 0.26 Distance = 1500 x 0.26 = 390 (m) So distance to fish = 195 m	Accept x 1000 at any point in calculation 0.39 gets 2 marks 390 gets 3 marks	4
	(b)		Any **two** of MP1. Reflected from different depths within shoal; MP2. So (reflected pulse(s)) travels different distances; MP3. Fish move; MP4. Reflection from sea bed;		2

Total 6 marks