Question Number	Answer	Mark
2(a)	• (m increases so) number of charge carriers increases **(1)** • Since $I = nAvq$, as n increases I increases **(1)** • The resistance decreases (and resistivity decreases) **(1)** MP3 is dependent on either MP1 or MP2	**3**
2(b)(i)	• States that points lie on a straight line **(1)** • States that the straight line passes through origin **(1)** • So $1/\rho$ is proportional to m **(1)** MP3 dependent on MP1 **and** MP2 If no other marks are awarded, allow only 1 mark for a straight line drawn through the origin and a statement that $1/\rho$ is proportional to m.	**3**
2(b)(ii)	• There are only four data points **(1)** • The range of masses is too small **Or** no data for masses less than 5 g **Or** no data for masses greater than 8 g **(1)**	**2**
	Total for question 2	**8**