



Q	Answer	Marks
1	a) positive correlation b) negative correlation	2
2	A) positive B) negative C) no correlation	3
3	a) 120 b) The sample is biased: pupils who use the bus stop gate are over-represented, so it may not represent all of Year 7	3
4	a) 8 points plotted b) positive correlation: the taller the pupil, the longer the arm span tends to be	3
5	a) positive correlation b) approximately 160 (accept 150-175)	3
6	a) negative correlation b) a straight line through the middle of the points c) about 31 (accept 28 to 34) d) about 4.5°C (accept 3.5 to 5.5)	4
7	a) 135 b) 54	3
8	Salt and vinegar 108°, Cheese and onion 84°, Ready salted 120°, Prawn cocktail 48°	4
9	90	3
10	a) 5/12 b) 14 c) 10	4
11	No. School A: $\frac{45}{360}$ of 80 = 10 students. School B: $\frac{30}{360}$ of 240 = 20 students. More students chose pizza at School B	4

Full worked solutions, written out by hand, are on the solutions sheet for this topic.