



Q	Answer	Marks
1	a) positive correlation b) negative correlation	2
2	A) positive correlation B) negative correlation C) no correlation	3
3	26 grams	2
4	a) positive correlation b) approximately 160 (accept 150-175)	3
5	a) 0 9; 1 2 5 8; 2 2 5 7 9; 3 0 3 4 8; 4 1 4 with key 1 2 = 12 b) 28 c) 35	4
6	a) 17 b) 22	3
7	a) (4.5, 7.6) and (5, 7.2) plotted b) negative correlation c) about 8.1 hours (accept 7.9 to 8.3)	4
8	a) (11, 10) b) approximately 47 (accept 44-50)	3
9	a) 26 b) 26 c) 28	3
10	a) Year 7 median 24, range 29; Year 8 median 20, range 24 b) Year 8 faster on average and more consistent	4
11	a) 37 minutes b) 32 minutes c) Class A slightly faster on average (lower median); Class B more consistent (smaller range)	4
12	a) positive correlation b) (3, 45) c) approximately 35 (accept 32-38)	4

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