Section B

9		BC = 9cm	1	Allow ± 2mm
		∠ACB = 58°	1	Allow ± 2°
		AC = 6cm and complete triangle	1	Allow ± 2mm (condone no labels)
			3	

10	(a)	All points correct	2	Allow ± 1mm **W1:** 3 points correct
	(b)	Positive (o.e.)	1	Any statement must be comparative
	(c) (i)	Single line passing between (20,10) and (20,20), and between (75,60) and (75,70)	1	
	(ii)	38 - 45	1	f.t. their positive line of best fit
	(d)	Rosie because she scored 54 out of 75 **or** Francine scored 69%	2	**M1:** $\frac{52}{75}$ **or** attempt to calculate 72% of 75
			7	

11		0·2 (o.e.)	2	**M1:** 0·4 + 0·25 + 0·15 **or** 0·8 seen Wrong form, such as 1 in 5, implies **M1** only
			2	

12		6·4	2	**W1:** 6·3(6...), 6·40, 6·4 rounded to 6 or 2·7
			2	

13	(a) (i)	Correct graph	2	**W1:** Intercept = 20 **or** gradient = 0·1 (min range 10 – intersection)
	(ii)	80 (f.t. their graph)	1	f.t. their graph, except for 0 and 128, which score 0
	(b)	36	3	**M2:** 18 ÷ 0·5 (o.e.) **M1:** $\frac{30}{60}$ or 0·5 (o.e.) **or** 18 ÷ 30 **or** 0·6 seen
			6	

14	(a)	1·08 **or** 1·1 with working seen m³	2 1	**M1:** 1·5 × 0·6 × 1·2 **or** figs 108 Award unit mark if seen in either part and not contradicted
	(b)	0·7776, f.t. 'their (a)'	2	**M1:** f.t. 'their (a)' × 0·72 (o.e.) Accept answers to 2 s.f. or better, even if no working seen Accept 0·8, but not 0·7, with working Apply similar rule when following through
			5	
			25	

		Paper Total = 50		