

## Section B

6	(a)(i) 47	1	
	(ii) 24	1	
	(iii) 23	1	
	(b) 0.2 o.e. isw	1	
		[4]	accept equiv fraction or %
7	(a) $5p^3$ cao	1	
	(b) $3(2c + d)$	1	mark final answer
		[2]	
8	0.069	2	1 for 0.068 or 0.0688...or 0.0689 or 0.07 seen
		[2]	
9	39	1	
	[angles in a] triangle sum to $180^\circ$	R1	180 may be implied by $39^\circ$ correct
	95	1	
	opposite angle at a point and allied o.e or corresponding and angles on [straight] line sum to $180^\circ$	R1	or angles on straight line sum to 180 + alternate angles o.e.;
		[4]	
10	(a)(i) (36, 17) (45, 30) (60, 48) and (114, 20) plotted	2	W1 for 2 or 3 correct, tol $\leq 1\text{mm}$
	(ii) their (114, 20) circled	1	accept circled in table
	(b) 34(.4)	3	W1 for 86 seen and M1 for their distance $\div$ time accept 2.5, 2.3 or 150 or 2h 30m for time; not accept 15672 or 15758 for distance; SC2 for ans 37 or in range 37.3 to 3.74 or 0.57 to 0.5733..
		[6]	
11	(a) 2625	2	W1 for 875 or M1 for $3/2 \times 1750$ o.e.
	(b) 3:4	2	W1 for 9:12 or other partially simplified seen eg 1: $1\frac{1}{3}$
	(c) 4494	3	M2 for $1.07 \times 4200$ o.e. or M1 for $0.07 \times 4200$ o.e. or W2 for 294; SC1 for digits 294 with d.p. wrong or for 4229.4(0) or 7140
		[7]	
Total section B		25	