

Question	Answer	Marks	AO Element	Notes	Guidance
1	4 nfww	2		M1 for $39 + 0.5$ or $36 - 0.5$ or $39 - 0.5$ or $36 + 0.5$ or better seen	
2	95.5 96.5	2		B1 for each If 0 scored, SC1 for both correct but reversed	
3	30.65, 30.75	2		B1 for each or if zero scored, SC1 for both answers correct but reversed	
4	13.75 14.85	3		B2 for one correct answer or both correct answers seen in working then rounded to 3sf or both correct but reversed or M1 for 2 correct seen from $23 + 0.5$, $23 - 0.5$, $8.7 + 0.05$ or $8.7 - 0.05$ or better	
5	472.5 473.5	2		B1 for each If zero scored, SC1 for both correct but reversed	

Question	Answer	Marks	AO Element	Notes	Guidance
6	2.425 2.435	2		B1 for each If zero scored, SC1 for $242.5 \leq h < 243.5$ or for both correct but reversed	
7(a)	70 or 70.16[5...] or 70.17 or 70.2	3		M2 for $\frac{29\,750 \text{ to } 29\,800}{400 + 25}$ or $\frac{29\,750 \text{ to } 29\,800}{400 + 24}$ or $\frac{29\,800 - 50}{400 \text{ to } 425}$ or B1 for 29 750 or 29 850 or 29 849 or 375 or 425 or 424 seen	
7(b)	2399 or 2400 nfw	2		B1 for 27 450 or 27 550 or 27 549 or 29 850 or 29 849 seen	
8	68 nfw	3		M2 for $\frac{600 - 5}{8\text{h}40 \text{ to } 8\text{h}50}$ or $\frac{590 \text{ to } 600}{8\text{h}40 + 5 [\text{m}]}$ oe or M1 for $600 - 5$ oe or $8\text{h } 40 + 5[\text{m}]$ oe or $520 + 5$ oe[m] seen	

Question	Answer	Marks	AO Element	Notes	Guidance
9	69 cao nfw	3		M2 for $\frac{200 + 0.5}{3 - 0.1}$ oe or M1 for 200 ± 0.5 oe or 3 ± 0.1 oe seen	
10	6 nfw	3		B1 for $10 + 0.5$ or $4 - 0.5$ soi M1 for $[b =] \frac{2A}{h}$ soi	
					[Total: 27]