Question			Answer	Marks	Part Marks and Guidance	
1	**(a)**		1: 1.4 or $1:\dfrac{7}{5}$ or $1:1\dfrac{2}{5}$	1		
	(b)		7 : 15 or $1:\dfrac{15}{7}$ oe	3	Must be without 'minutes' **M1** for 56 : 120 soi AND **M1** for correct partial simplification eg 28 : 60 Or **SC1** for 7 : 25 oe	

Question			Answer	Marks	Part Marks and Guidance	
2	**(a)**		$24 : 55$ or $1 : \frac{55}{24}$ or $1 : 2\frac{7}{24}$ or $\frac{24}{55} : 1$ or exact decimal equivalents	3	**M1** for 1100 [g] or 0.48 [kg] seen **M1** for correct interim step in simplification of 480 : 1100 oe If **M0**, allow **SC2** for 55 : 24 or for 24 g : 55 g Or **SC1** for 55 g : 24 g	Need not be formal notation MR total ingredients = 1.1 kg: allow first **M1** also for 620 [g] or 0.62 [kg] seen and allow second **M1** for correct interim step in simplification of 480 : 620 oe, eg 24 : 31 or for rounded forms such as 1 : 2.292 or 0.436 : 1
	(b)		1375 or 1.375 or $1\frac{3}{8}$	2	**M1** for 1100 × 1.25 oe in kg or for figs 1375 or for 2.29(...) × 600 oe	MR total ingredients = 1.1 kg: allow **M1** also for 620 × 1.25 oe in kg or for figs 775
			g or kg as appropriate	1	Accept kg with answer < 100 Accept g with answer ≥ 100 Ignore wrong conversion after a correct answer **0** in question for just 1100 g or 1.1 kg as answer or 600 g or 0.6 kg as answer Allow **3** for 1 kg 375 g	Give one fewer marks than otherwise earned for answer left in ratio form eg give **1** for 1375 : 600

3			$\frac{20}{21}$ final answer	3	**M2** for $\frac{5}{3} \times \frac{4}{7}$ Or **M1** for $\frac{5}{3}$, $\frac{4}{7}$ or $\frac{7}{4}$ seen	oe eg $\frac{20}{12}$ etc

4	(a)	(i)	<table><tr><td></td><td>21</td></tr><tr><td>37</td><td></td></tr><tr><td>77</td><td></td></tr></table>	3	**B2** for two correct entries Or **B1** for one correct entry	If a space is blank, accept clear evidence in working space eg Joe White = 21
		(ii)	8 : 7	1	Accept 1 : 0.875 or 1.14[…] : 1	
	(b)		12	3	nfww **M2** for $\dfrac{60}{their\ (7 + 5 + 3)} \times 3$ oe Or **M1** for 60 ÷ *their* (7 + 5 + 3) oe or for 4	

5	(a)	(i) 280	2	**M1** for 140 or for 420 ÷ 3	
		(ii) 540	2	**M1** for 180 or for 360 ÷ 2	
	(b)	13 : 8 or 13/8 : 1 oe or 1 : 8/13 as final answer	2	**M1** for 26 : 16 or 130: 80 or 13g : 8g or other correct partial simplification or for 13 and 8 seen	Allow **2** marks for 1.625 : 1 or 1 : 0.615(...) Allow **M1** for 1.62 : 1 or 1.63 : 1 or 1 : 0.61 or 1 : 0.62

6	(a)	5 : 6	2	Accept 1 : 1.2 or 0.83(3...) : 1 or better **M1** for a correct simplification of 40 : 48 e.g. 10 :	
	(b)	Sonja 80 and Ben 60	2	**M1** for 140 ÷ 7 or 20 Or **SC1** for S 60 B 80	

7	(a)	Samira 420 and Joanne 280	3	**B2** for one of these correct or **M1** for 700 ÷ 5 or 140 **SC2** for answers reversed	
	(b)	210	3	**M2** for 5/2 × 84 oe or **M1** for 84 ÷ 2 or 42 or for 126 found	e.g. M2 for 84 + 42 × 3 or 84 + 126

8	(a)		16	2	**M1** for 24/3 or for 8 or for 8 × 3 = 24	Common with Foundation
	(b)		C 15 600 H 10 400	3	**B2** for one correct on answer line or for 15 600 and 10 400 seen Or **B1** for 15 600 or 10 400 seen Or **M1** for 26 000/ *their*(3 + 2) or for 5200 Condone answers reversed on answer line if clearly correct in body of script with correct person (treat as transfer error)	Common with Foundation