

Question		Answer	Marks	Part Marks and Guidance	
1		72	3	M1 for $\frac{5}{6} - \frac{1}{4}$ oe soi by 7/12 oe And M1 for $42 \div (\text{a fraction})$ oe	eg 5/6, 1/4 or <i>their</i> 7/12 soi by 50.4, 168 or <i>their</i> 72

2	(a)	$\frac{3}{10}$ cao	2	B1 for $\frac{150}{500}$ oe fraction seen	
	(b)	1.3 to 1.5	2	B1 for 2 to 2.2 soi in working	

3	(a)	1750	1		
	(b)	[ <i>their</i> 1750] $\div 6$	1		
	(c)	$1\frac{5}{16}$	4	B1 for $\frac{7}{4}$ And M1 for $\frac{7}{4} \times \frac{3}{4}$ And A1FT for $\frac{21}{16}$  Or if decimals used M1A1 for 1.3125	13125/10000 oe implies 2 $1\frac{3125}{10000}$ oe implies 3

Question		Answer	Marks	Part Marks and Guidance	
4	(a)	$\frac{1}{40}$	2	<b>B1</b> for $\frac{25}{1000}$ or $\frac{5}{200}$ or $\frac{0.025}{1}$ or $\frac{1}{40}$ seen	
	(b)	9	4	<b>B3</b> for 9.1 to 9.2 oe <b>Or M2</b> for $13 \div (\frac{2}{3} + \frac{3}{4})$ soi <b>Or M1</b> for $\frac{2}{3} + \frac{3}{4}$ soi	<u>OR Using daily totals</u> <b>B3</b> for $1\frac{5}{12}$ $2\frac{10}{12}$ $4\frac{3}{12}$ $5\frac{8}{12}$ $7\frac{1}{12}$ $8\frac{6}{12}$ $9\frac{11}{12}$ $11\frac{4}{12}$ $12\frac{9}{12}$ oe <b>Or B2</b> for $1\frac{5}{12}$ $2\frac{10}{12}$ $4\frac{3}{12}$ oe <b>Or B1</b> for $1\frac{5}{12}$ oe For B1,B2,B3 rot correct to 1dp <u>OR after zero scored</u> <b>SC2</b> for [Tibbs] [9 days] $6\frac{3}{4}$ tins oe <b>And</b> [Fluff] [9 days] 6 tins oe

Question		Answer	Marks	Guidance	
5	(a)	2000 [g] or 0.75 [kg] seen  Interim step in simplification of 2000 : 750 or 2 : 0.75 leading to 8 : 3	M1  M1 dep	May be implied by eg $\frac{1}{8}$ of blackberries = 250 [g]  Or multiplier method eg $8/2 = 4$ and $3 \div 4 = 0.75$ Or $2000/8 = 250$ and $750/3 = 250$ Or $2000/250 = 8$ and $750/250 = 3$  Or $2000/750 = 8/3$ [so 8 : 3] for <b>M1</b> (bod using fraction button on calc)	NB answer 8 : 3 given, mark the method  Similarly allow <b>M1</b> for $2/0.75 = 8/3$  Condone all reversed. leading to 3 : 8 Condone starting with 8 : 3 and getting to 2000 : 750 or 2 : 0.75
	(b)	( 1125 or 1.125 or $1\frac{1}{8}$  g or kg as appropriate	2  1	<b>M1</b> for $750 \times 1.5$ oe in kg or for figs 1125  Accept kg with answer < 100 Accept g with answer $\geq 100$ isw wrong conversion after a correct answer  0 in qn for just 3000 g or 3 kg as answer  Allow 3 for 1kg 125g	Or <b>M1</b> for $375 \times 3$ or $0.375 \times 3$ or $\frac{3}{8} \times 3$  Give one fewer marks than otherwise earned for answer left in ratio form eg give 1 for 3000 : 1125
	(ii)	9	1		