1	**(a)**	**(i)**	9	2	**B1** for 8 shares seen or used eg 24 ÷ 8 [= 3] or **B1** for 3 × 3	B0 for just 3 seen [Common with Foundation]
		(ii)	10	2	**B1** for 5 × 2 or other clear evidence of attempt to double the ratio	[Common with Foundation]
	(b)		2.20 pm or 14:20	3	**B2** for 80 or 1h 20m or 2:20 or **M1** for prime factor decomposition of 16 and/or 20 found $16 = 2^4$, $20 = 2^2 \times 5$ but need not be expressed as product or **M1** for 16, 32, 48 and 20, 40, 60 seen (oe in counting on from 1 pm) or **M1** for 16 = 4 × 4 and 20 = 4 × 5	eg correct factor tree or division list [Common with Foundation]

2			4.40	**3**	**B2** for answer 4.4 **Or M2** for (60.76 - 4×1.99) ÷ 3 or 4 or 12 soi Or for 60.76÷4 – 1.99 soi by 13.2[0] **Or M1** for 60.76 - 4×1.99 soi by 52.8[0] Or for 60.76÷4 soi by 15.19	Soi by 17.6[0], 13.2[0] or 4.4[0]

3		464.8 in either A or B 4 in C 116.2 in D 16.6 in E	**1** **1** **1(FT)** **1(FT)**	**SC3** if 16.6 correct but in wrong box or intermediate steps wrong or missing For the next two marks no more than one of them can be ft FT exact answer to *their* (non-integer) 464.8 ÷ 4 FT exact answer to *their* (non-integer) 116.2 ÷ 7 If 0 or 1, allow **SC2** for figs 166 seen	Exact answers may be fractions

4	**(a)**		1 315 200	1		
	(b)		1315.2	1FT	FT *their (a)* ÷ 1000	
	(c)		0.411	2	**M1** for digits 411 seen	

5	**(a)**		26.5	3	**M2** for $\frac{15.9}{6} \times 10$ oe Or **M1** for $\frac{15.9}{6}$ soi by 2.65	
	(b)		33	3	**B2** for 33.96… to 34 seen Or **M1** for $\frac{90}{15.9} \times 6$ or $\frac{90}{\textit{their}\ 2.65}$	

6	**(a)**		$2^2 \times 3$ oe	1	Must be product	

	(b)	**(i)**	48	2	**B1** for answer as 24 or a multiple of 24 that is greater than 48 eg 72 or 96 Or **M1** for lists of multiples of 8 and of 12 (at least 3 each)	
		(ii)	[48 or *their* (i)] + multiples of 24	2	Or go up in 24s oe **B1** for multiples of 24 oe mentioned or for 'multiples of 48'	See appendix for examples

7			882[.00] 216.65 6.19 222.4[0] 1334.40	1 1 1FT 1 1FT	*Their* 216.65 ÷ 35 rot to 2dp Must be correct money notation for final mark 1112 + *their* 222.4[0]	If VAT is blank but answer 1334.4[0] then VAT mark can be implied

8	(a)		59 & 28 63 & 6	**2**	**B1** for 3 correct	
	(b)	(i)	60 ÷ 0.05 or $\frac{60}{0.05}$	**1**		Allow 'busstop' method with clear 60 and 0.05
		(ii)	1200	**3**	**M2** for full correct method or **M1** for one correct step If zero scored **SC1** for figs 12 as answer nfww	e.g. attempt at long division (60/0.05 or 6000/5) seen that would lead to correct order of magnitude and first step correct e.g. 20 per second, 20 ~ 1, 2 per 0.1 s, *their* 20 x 60, etc 20 or 60/5 alone do not score

9	**(a)**		41	2	**B1** for (1¼ lb =) 20 (oz) or (2¼ lb =) 36 (oz) or (½ lb =) 8 (oz) or $7\frac{1}{4}$ or 116	
	(b)	**(i)**	$31\frac{1}{4}$	2	**M1** for $\frac{5}{4}\times\frac{25}{(1)}$ or $\frac{125}{4}$ oe or $25+25\times\frac{1}{4}$ or full method for 1.25×25 with no more than one arithmetic error or 32 nfww	eg $\frac{500}{16}$ earns **M1** but $1\frac{1}{4}\times 25$ only does not score Condone 31.25 for **2**
		(ii)	11	2	**M1** for (*their* 125) ÷ 12 or 10(….) or an embedded answer of 10 or 11	eg $10\times 12 = 120$ or $12\times 11 = 132$ Could be through clear counting on

10	**(a)**		12	4	**B1** for use of a correct unit change **M1** for 2(0) × 21 or 42(0) or figs 67/figs 2 or figs 335, 33 **M1** for (*their* 67(0) – *their* 42(0))/2(0) or *their* 67(0)/2(0) – 21(0)	Condone 66(0) used ie units must be consistent here so (670 – 420)/2 scores **B1M1M0** Division may be implied eg 11 × 2 = 24 with answer of 11 or by 'counting on' Condone 67(0) ÷ 2(0) = 33.1, 33.05 etc, similarly 25 ÷ 2 = 12.1 etc
	(b)		£3.53	3	**M1** for 20 – (3.99 + 5.49 + 6.99) soi **B1** for £16.47 seen	eg answer of 2.53 following 17.47 scores **M1**