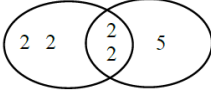


1			3	B3	For the correct time of 13 50 or 1.50 pm or 1.50 in the afternoon oe  (B2 for 1.50 or 1.50 am or stating 2 hours 40 mins or 160 mins or intention to add all 4 times onto 11.10  B1 for intention to add all 4 times together or evidence of intention to add on 2 or 3 times to 11 10)
		13 50			<b>Total 3 marks</b>

2		9 hours 45 mins	2	B2	B1 for 9 hours or 45 minutes
					<b>Total 2 marks</b>

3	(e)	19 15	1	B1	Allow 19.15 or 19:15 oe
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4	16, 32, 48,... and 20, 40, 60... or [9] 16, [9] 32, [9] 48, ..... and [9] 20, [9] 40, [9] 60 (or 10), ..... or 2, 2, 2, 2 or 2, 2, 5 or 		3	M1	for any correct valid method e.g.  for starting to list at least <b>three</b> multiples of each number (allow one error (ft eg 16, 34, 50) in one list)  or 2, 2, 2, 2 or 2, 2, 5 seen (may be in a factor tree and ignore 1)  or for a Venn diagram with correct factors for one of 16 or 20
	16, 32, 48, 64, 80 and 20, 40, 60, 80 or [9] 16, [9] 32, [9] 48, [10] 04, [10] 20 and [9] 20, [9] 40, [9] 60 (or 10), [10] 20 or $2 \times 2 \times 2 \times 2 \times 5 (= 80)$ or $2^4 \times 5 (= 80)$			M1	for a correct method leading to 80 or the correct time (all working must be correct for the award of this mark) or for stating 80
	<i>Working not required, so correct answer scores full marks (unless from obvious incorrect working)</i>	10 20		A1	10 20 or 10 20 am or twenty past ten oe
					<b>Total 3 marks</b>

5	(a)	D	1	B1	
	(b)	4 hours 52 minutes	2	B1 B1	
	(c)	time = $40 + 45 (= 85 \text{ minutes oe})$ or 1 hr 25 min ( $"85" - 15) \div 40$	3	M1	accept $60 + 25$ May be implied by $70 \div 40$
				M1	dep 1st M1
		1.75		A1	oe eg 1.750 or $\frac{7}{4}$
	(d)	$T = 40k + 15$	2	B2	B1 for $40k + 15$ or $T = 40k + a$ ( $a \neq 15$ ) Accept $40 \times k$ etc
					<b>Total 8 marks</b>

6		11 hours and 45 minutes	2	B2 (B1	for 11 hours and 45 minutes for 11 hours or 45 minutes)
					<b>Total 2 marks</b>

7	(c)	1 45	1	B1	oe e.g. 1345, quarter to two/2 Ignore any am or pm
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