

# Time

## Mark Scheme 1

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Paper Type	Extended
Topic	Number
Sub-Topic	Time
Booklet	Mark Scheme 1

**Time Allowed:** 59 minutes

**Score:** /49

**Percentage:** /100

**Grade Boundaries:**

A*	A	B	C	D	E	U
>85%	75%	60%	45%	35%	25%	<25%

Question		Mark	Part marks
1	8(h) 52 (min)	1	

2	9 [h] 30 [min] cao	1	
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3	(a) 119 (b) [0] 1 [00] pm	3 1	<b>M2</b> for $18 \times 6 + 11$ oe or <b>B1</b> for 18 or 11 or 108
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4	39	2	<b>M1</b> for $52 \times 45 \div 60$ oe
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5	(a) 14 10 or 2 10 pm final answer	2	<b>M</b> for (0)8 10 oe or answer 14 hours and 10 minutes or answer 2 10 [am]
	(b) 5 hours 45 minutes cao	2	<b>M</b> for 345 [mins] seen or for $805 / 7 \times 3$ oe or 5.75 seen
	(c) (i) 798 or 798.2 to 798.4.... (ii) $1.82 \times 10^5$ or $1.815 \times 10^5$ to $1.816 \times 10^5$	2 4	<b>M1</b> for $10712 / 13 \frac{25}{60}$ or $10712 \div 13.4...$ <b>B</b> for 182000 or 181500 to 181600 seen or <b>M2</b> for 10712000/59 oe or <b>M1</b> for figs 10712/figs 59 soi by figs 182 or figs 1815 to 1816 and <b>B1 FT</b> for their number of litres correctly converted to standard form rounded to 3sf or better
	(d) 8600	3	<b>M2</b> for $10148 \div 1.18$ oe or <b>M1</b> for 10148 associated with 118[%]

6	1500 or 3 <u>pm</u>	2	<b>B1</b> for 1h50 or 2h[0]5 or <b>SC1</b> for 1255 + <i>their</i> 1h50 + 15mins correctly evaluated
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7	(a) 5 30 pm	1	
	(b) 67	2	<b>M1</b> for 10h45min and 3h 15min oe seen

8	Wednesday 22 15 or 10 15pm	2	<b>B1</b> <b>B1</b>
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9	(a) (£) 2.37 or 2.371 to 2.372 www 2	2	<b>M</b> for $34.95 \div 1.17$ implied by 29.87...or 29.9 or <b>SC1</b> for 2.77 or 2.78 or 2.775
	(b) 154 days 4 hours cao	3	<b>M1</b> for $4.07 \times 10^{12} \div (1.1 \times 10^9)$ implied by figs 37 or 154. (...) <b>A1</b> for 3700 seen or $3.7 \times 10^3$ seen or $154\frac{1}{6}$ oe or 154 rem 4
	(c) (i) 9.25	1	
	(ii) Lower = 51.3375 final answer Upper = 52.8275 final answer	1 1	After 0 scored <b>SC1</b> for answers reversed or 9.35 <b>and</b> 5.65 seen or 51.3375 <b>and</b> 52.8275 seen

10	35	2	<b>M1</b> for $4 \times 8 + 3$ or $4 \times 8\frac{3}{4}$ or $4 \times 8\frac{1}{2} + 1$ or $\frac{525}{15}$ or $\frac{510}{15} +$ <b>SC1</b> for answer 34
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11	(a) (0)700 or 7 am (b) 1700 or 5 pm	2 1	M1 $100 - (5 \times \text{their}(22 - 6) + \text{their}(13 - 8))$ or better soi
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12	21 55	1	Allow 9.55 pm
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13	Sunday (May) 25 1045	1, 1, 1	Independent
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14	(a) (0)810 or 8:10 etc. (b) 4 (c) 265	1 2 1	M1 $(3 + 3)/(1 + 0.5)$
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