

Currency Conversions

Mark Scheme 1

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Paper Type	Extended
Topic	Number
Sub-Topic	Currency Conversions
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%

1	393	2	B1 for 393.1 to 393.2 or M1 for $2000 \div 5.087$
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2	1.60 cao	3	B2 for 1.597.... or 1.6 or M1 for $2 \div 1.252$
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3	694 or 694.4[4...]	2	M1 for $950 \div 1.368$
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4	0.29 cao	3	M2 for $30 - (24 \times 1.2378)$ or $(24 \times 1.2378) - 30$ or M1 for 24×1.2378
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5	(a) 700 (b) 0.28	2 1	M1 for 2800×0.325
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6	2870	2	M1 for 350×8.2
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7	1.6[0]	3	M1 for 800×1.5 and M1 for <i>their</i> $1200 \div 750$
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8	1030	2	M1 for $1350 \div 1.313$
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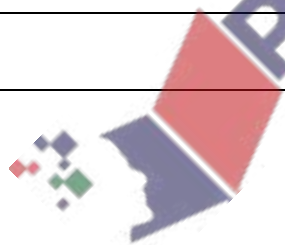
9	10.1[0]	3	M for 1.3199 and 1.3401 seen and M1 for 500×1.3199 or 500×1.3401 or for $500 \times (\textit{their highest} - \textit{their lowest})$ oe
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10	175 cao final answer	3	B2 for 175.4 ... or M1 for $200 \div 1.14$
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11	2.2[0...]	2	M1 for $11.99 \div 0.626$ soi by 19.2 or 19.15...
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12	£ or pound[s] Correct working must be shown	2	M1 for $425 \div 1.14$ or 365×1.14
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13	16	2	M for $768 \div 48$
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14	<p>(a) (i) 5</p> <p>(ii) 108</p> <p>(b) Correct conversion of money $J \times 0.718$ or $A \div 0.718$</p> <p>Correct equalising of weights e. $J \times \frac{2[0]}{3[0]}$ or $A \times \frac{3[0]}{2[0]}$ or $J \div 3$ and $A \div 2$ or $J \div 30$ and $A \div 20$</p> <p>97 to 98 or 201[.39...] and Ann <u>48.9[4..]</u> and 48.2[0] and Ann or 68[.16] to 68.[2] and <u>67[.13]</u> and Ann <u>4.88...</u> to 4.9 and 4.82 and Ann or 6.8[1..] to 6.82 and <u>6.7[1..]</u> and Ann www</p> <p>(c) 302 Final answer</p> <p>(d) 13.6[0]</p> <p>(e) 12</p>	<p>2</p> <p>2</p> <p>M1</p> <p>M1</p> <p>A2</p> <p>3</p> <p>3</p> <p>1</p>	<p>M1 for $\frac{3 \times 15}{(5 + 3 + 1)}$</p> <p>M1 for $60 \times \frac{9}{5}$ oe</p> <p>Correct conversion of money soi by 146.83[1] rounded or truncated to 3sf or 134.26[1...] rounded or truncated to 3 sf if done 1st</p> <p>Correct equalising of weights or money Accept other methods that give a pair of comparable values for method and accuracy marks This mark can be implied by values seen correct to 3 sf or better</p> <p>The underlined values imply M1 for the money conversion</p> <p>Or A1 for 97 to 98 or 201[.39...] or a correct pair of values with wrong/no conclusion</p> <p>M1 for $60 \times 60 \times 4$ soi by 14400 or figs 6048 or figs 3024 and M1 for $\div (1000 \times 20)$ soi Answer 302.4 implies M2</p> <p>M2 for $\frac{15.3[0]}{1.125}$ oe or M1 for 15.3[0] associated with 112.5%</p>
15	495.36	2	M1 for $700 \div 1.4131$

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