



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