



ENTRY LEVEL CERTIFICATE MATHEMATICS

5930

- 5930/1 Component 1 – Properties of number
- 5930/2 Component 2 – The four operations
- 5930/3 Component 3 – Ratio
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- 5930/5 Component 5 – The calendar and time
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Mark scheme

Specimen

Version 1.0

Mark schemes are prepared by the Lead Assessment Writer and considered, together with the relevant questions, by a panel of subject teachers/experts.

Further copies of this Mark scheme are available from aqa.org.uk



Glossary for Mark schemes

Entry Level Certificate assessments are marked in such a way as to award positive achievement wherever possible.

Thus for Entry Level Certificate Mathematics, marks are awarded under various categories.

ft	Follow through marks. Marks awarded for correct working following a mistake in an earlier step.
oe	Or equivalent. Accept answers that are equivalent. e.g. accept 0.5 as well as $\frac{1}{2}$
Use of brackets	It is not necessary to see the bracketed work to award the marks.

Component 1 Properties of number

Q	Answer	Mark	Comments
1(a)	6	1	
1(b)	○ ○ ○ ○ ○	1	
2	Seven	1	
	12	1	
3(a)	0	1	
3(b)	17	1	
4(a)	9	1	
4(b)	15	1	
5	14	1	
6	2 6 7 11 20	1	Correct order only
7(a)	Emily	1	Accept 62
7(b)	Jacob	1	Accept 39
7(c)	61	1	
8(a)	7 or 7 units or units	1	
8(b)	60 or 6 tens or tens	1	

MARK SCHEME – ENTRY LEVEL CERTIFICATE MATHEMATICS – 5930 – SPECIMEN

Q	Answer	Mark	Comments
9	<div style="display: flex; justify-content: space-around; align-items: center;"> (7) (33) 64 </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> 22 (45) </div>	1	All correct Any clear indication
10	22, 24, 26, 28 or 30	1	Any one or more correct with no incorrect numbers
11	60	1	
12	25	1	
	40	1	
13	Two hundred and forty	1	
	606	1	
14	723 631 405 217 112	1	Correct order only
15(a)	362	1	
15(b)	472	1	
16(a)	480	1	
16(b)	700	1	
17(a)	125 or 250	1	
17(b)	250	1	
18	5	1	Accept 500

Component 2 The four operations

Q	Answer	Mark	Comments
1(a)	8	1	
1(b)	4	1	
2(a)	10	1	
2(b)	6	1	
3(a)	3 and 7	1	
3(b)	4 and 16	1	
4	9	1	
5	6	1	
6	–	1	
	+	1	
7	16	1	
8	78	1	
9(a)	68	1	
9(b)	83	1	
9(c)	35	1	
9(d)	24	1	

Q	Answer	Mark	Comments																
10	<table border="1"> <tr> <td>×</td> <td>3</td> <td>6</td> <td>8</td> </tr> <tr> <td>2</td> <td>6</td> <td>12</td> <td>16</td> </tr> <tr> <td>5</td> <td>15</td> <td>30</td> <td>40</td> </tr> <tr> <td>10</td> <td>30</td> <td>60</td> <td>80</td> </tr> </table>	×	3	6	8	2	6	12	16	5	15	30	40	10	30	60	80	3	All correct 3 marks four or five correct 2 marks two or three correct 1 mark Zero or one correct 0 marks
×	3	6	8																
2	6	12	16																
5	15	30	40																
10	30	60	80																
11	x	1																	
12(a)	684	1																	
12(b)	270	1																	
13(a)	138	1																	
13(b)	Alternative Method 1																		
	138 + 26	1 ft	(their 138 + 26)																
	164	1																	
	Yes	1 ft	Correct answer for their working																
	Alternative Method 2																		
	320 – 182 + 26	1																	
	164	1																	
	Yes	1 ft	Correct answer for their working																
14(a)	636	1																	
14(b)	72	1																	
15	900 – 200 800 – 100 (800 – 200)	1	Any clear indication																
16	2	1																	

Component 3 Ratio

Q	Answer	Mark	Comments
1(a)	6	1	
1(b)	7	1	
1(c)	12	1	
2(a)	1 square shaded	1	Either
2(b)	2 small squares shaded	1	Any
3	Half of the cards are blank <input checked="" type="checkbox"/> Half of the cards have stripes <input type="checkbox"/>	1	Any clear indication
4(a)	4	1	
4(b)	7	1	
5	8	1	
6	Any 6 circles shaded	1	Or half of each of the circles shaded
7	2 tiles shaded	1	Any
8	$\frac{1}{4}$ or one quarter	1	
9	$3\frac{1}{2}$	1	
10(a)	5	1	
10(b)	6	1	

Q	Answer	Mark	Comments
11(a)	30	1	
11(b)	60	1	
12	$\left(\frac{1}{2}\right)$ $\frac{2}{3}$ $\left(\frac{2}{4}\right)$ $\frac{3}{5}$	1	
13	(£)30	1	
14	2 triangles shaded	1	Any
15(a)	$\frac{1}{6}$ or one-sixth	1	
15(b)	$\frac{3}{5}$ or three-fifths	1	
16(a)	5	1	
16(b)	16	1	
17	18	1	
18(a)	$\frac{3}{5}$ or three-fifths	1	
18(b)	$\frac{2}{7}$ or two-sevenths	1	
19	7 x 8 or equivalent seen	1	1 mark for 56 seen with no working
	No	1 ft	Correct decision for their working 0 marks if previous mark not awarded.
20	3	1	

Component 4 Money

Q	Answer	Mark	Comments
1(a)	4	1	
1(b)	2	1	
1(c)	3	1	
2	List of coins with a total of 9p	1	Two lists must be different for 2 marks
	List of coins with a total of 9p	1	
3(a)	8(p)	1	
3(b)	(£)7	1	
4	2(p) and 5(p)	1	
5	£5 or 5 pounds or five pounds	1	Must have the £ sign or 'pounds'
6	5p 2p 2p 1p	1	Any
	5p 2p 1p 1p 1p		
	5p 1p 1p 1p 1p 1p		
	2p 2p 1p 1p 1p 1p 1p		
7	150	1	
8	(£)3.52	1	
9	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	1	
10	Two different ways of making 75p using 20p, 10p and 5p coins	2	Two lists must be different for 2 marks 1 mark for each correct list

MARK SCHEME – ENTRY LEVEL CERTIFICATE MATHEMATICS – 5930 – SPECIMEN

Q	Answer	Mark	Comments
11	Any correct way of making £85 using notes	1	
12(a)	85(p)	1	
12(b)	15(p)	1 ft	100 – (their 12(a))
13	3 x 20 or 60	1	Accept 10 + 5 with £60 worth of notes crossed out in the pictures
	£15	1	2 marks for correct answer with no working.
14	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	1	
15	£2 £2 20p 20p 20p 20p 20p	1	Any
	£2 £1 £1 50p 20p 20p 10p		
	£1 £1 £1 50p 50p 50p 50p		
16	2 x £3.70 or £7.40	1	
	£7.40 – £5.90	1 ft	their (a) – 5.90
	£1.50	1	
17	£12.40	1	

Q	Answer	Mark	Comments
18(a)	£54.96	1	
18(b)	Alternative method 1		
	£54.96 + £1.75	1ft	their (£54.96) +1.75
	£60 – £56.71	1ft	£60 – their (£54.95 +1.75)
	£3.29	1	
	Alternative method 2		
	£60 - £54.96	1 ft	£60 – their(54.96)
	£5.04 - £1.75	1 ft	their (£5.04) - £1.75
	£3.29	1	

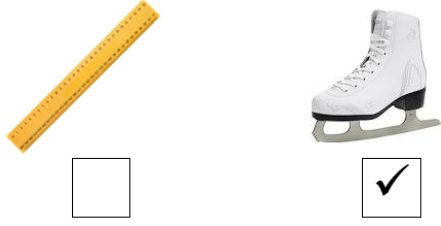

Component 5 The calendar and time




Q	Answer	Mark	Comments
1	Saturday	1	
2	Monday	1	
	Tuesday	1	
3(a)	8.00 or 8 o'clock	1	
3(b)	2.30 or half past 2	1	
3(c)	9.30 shown on clock	1	Ignore lengths of hands Hour hand on or after 9 but before 10
4	Thursday	1	
5	Walks to the bus stop Gets on the bus Gets off the bus Goes into the café	3	3 marks all in correct order 2 marks if one mistake 1 mark if only first or last correct
6	Summer Winter	1	Both in correct order
7(a)	60	1	
7(b)	7	1	
7(c)	12	1	
8(a)	07:15 or 7:15	1	
8(b)	7:15 shown on the clock	1	Ignore length of hands Hour hand on or after 7 but before 8
9	March or April or May	1	Any

MARK SCHEME – ENTRY LEVEL CERTIFICATE MATHEMATICS – 5930 – SPECIMEN

Q	Answer	Mark	Comments
10	3:50 shown on the clock	1	Ignore length of hands Hour hand on or after 3 but before 4
11	30 (minutes)	1	
12	45 (minutes)	1	
13(a)	Wednesday	1	Accept Wed or W
13(b)	03/08/14	1	
14	52	1	
15	2 minutes 45 seconds or 155 seconds seen	1	
	Josie	1 ft	Correct decision for their time conversion
16	1.10 or ten past one	1	
17	6.30 am <input checked="" type="checkbox"/> 6.30 pm <input type="checkbox"/>	1	
18	1hr 15min + 2 hr 30min + 20 min	1	Attempt at addition of times
	4 hours 5 minutes	1	
	55 minutes	1ft	5 hours – their (4 hours 5 minutes)


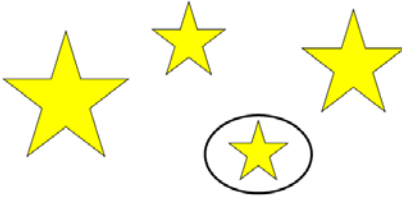
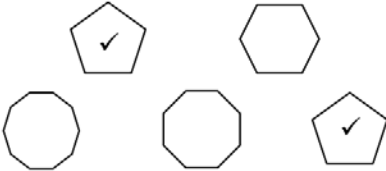

Component 6 Measures





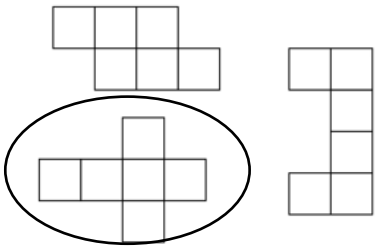
Q	Answer	Mark	Comments
1(a)	C	1	
1(b)	A and D	1	
2		1	Any clear indication
3		1	Any clear indication
4(a)	8 (cm)	1	
4(b)	12 (cm)	1	
4(c)	C	1	
5(a)	C	1	
5(b)	A	1	
5(c)	D	1	Accept B
6(a)	cm	1	
6(b)	g	1	
6(c)	ml	1	
7	6 cm 13cm 30 cm 94 cm	1	All correct Condone missing units

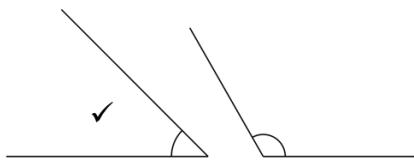
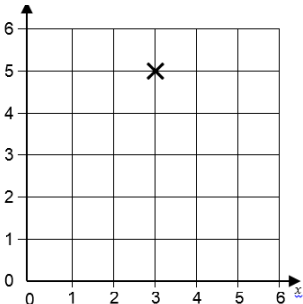
Q	Answer	Mark	Comments	
8(a)	60 (mm)	1	Please check the length on your printed papers and allow ± 2 mm	
8(b)	33 (mm)	1		
9	50 ml <input type="checkbox"/>	5 litres <input checked="" type="checkbox"/>	1 Any clear indication	
10	50 grams <input checked="" type="checkbox"/>	2 kg <input type="checkbox"/>	1 Any clear indication	
11	Line drawn between 7.3 and 7.7 cm long	1		
12	Bus ticked	1	Any clear indication	
13	3.5 (kg)	1		
14	$2 + 1.25 + 1.5 + 0.5$	1	2000+1250+1500+500	
	5250 g or 5.25 kg	1		
	Yes	1 ft	Correct decision for their total.	
15	1.4 (m)	1	Accept 140 cm or 1400 mm	
16	12 cm	1	Please check the length on your printed papers and allow ± 2 mm	
17	 <input type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input type="checkbox"/>	1 Any clear indication
18	11 (kg)	1		

Q	Answer	Mark	Comments
19	1°C -5°C 3°C -1°C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	1	Any clear indication
20	- 3 (°C)	1	

Component 7 Geometry

Q	Answer	Mark	Comments
1		1	Any clear indication
2(a)	rectangle	1	Any clear indication
2(b)	cube	1	Any clear indication
3(a)	B	1	
3(b)	C	1	
4		1	Any clear indication
5		1	Any clear indication
6(a)	next to	1	
6(b)	below	1	
6(c)	between	1	
7		1	Any clear indication
8(a)	Octagon	1	
8(b)	Pyramid	1	
8(c)	Hexagon	1	

Q	Answer	Mark	Comments
9		1	
10(a)	9	1	
10(b)	5	1	
10(c)	6	1	
11	2	1	
12		1	Any clear indication
13(a)	Cone <input checked="" type="checkbox"/> Cylinder <input type="checkbox"/>	1	Any clear indication
13(b)	Prism <input checked="" type="checkbox"/> Pyramid <input type="checkbox"/>	1	Any clear indication
14(a)		1	Both needed
14(b)		1	
15		1	Any clear indication

Q	Answer	Mark	Comments
16		1	Any clear indication
17(a)	C	1	
17(b)	A and B	1	
18		1	Any clear indication
19	Shop	1	

Component 8 Statistics

Q	Answer	Mark	Comments
1(a)	<input type="radio"/> <input checked="" type="checkbox"/> <input type="radio"/> <input type="radio"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="radio"/> <input checked="" type="checkbox"/> <input type="radio"/>	1	
1(b)	5	1	
2(a)	Graph completed correctly 6 - football	1	
2(b)	Cricket	1	
3(a)	19	1	
3(b)	Comedy	1	
3(c)	Drama	1	
3(d)	Graph completed correctly		
	Comedy 9	1	
	Horror 3	1	
	Drama 2	1	
4(a)	2	1	
4(b)	3	1	
5	<input type="checkbox"/> What colour is your mobile phone? <input type="checkbox"/> Where did you buy your mobile phone? <input checked="" type="checkbox"/> Do you use your mobile phone to browse the inte	1	

Q	Answer	Mark	Comments
6(a)	Evidence of tallying in 5's for fish and chips III I	1	All correct
	Correct tallying	1	
	Fish and chips 6		
	Burger 3		
	Indian 2		
	Chinese 3		
	Kebab 1		
6(b)	Fish and chips	1 ft	ft from their tallying
7(a)	3 faces drawn for Autumn	1	
7(b)	2 faces drawn for Winter	1	
8(a)	October	1	
8(b)	January and August	1	Accept Jan and Aug
9(a)	5	1	
9(b)	May	1	
9(c)	Correct heights		
	October 15	1	
	November 13	1	
	December 20	1	
10(a)	Action	1	
10(b)	9	1	

Q	Answer	Mark	Comments																								
11	<table border="1"> <thead> <tr> <th>Mark</th> <th>Tally</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>19</td> <td> </td> <td>2</td> </tr> <tr> <td>20</td> <td> </td> <td>5</td> </tr> <tr> <td>21</td> <td> </td> <td>2</td> </tr> <tr> <td>22</td> <td> </td> <td>4</td> </tr> <tr> <td>23</td> <td> </td> <td>1</td> </tr> <tr> <td>24</td> <td> </td> <td>5</td> </tr> <tr> <td>25</td> <td> </td> <td>1</td> </tr> </tbody> </table>	Mark	Tally	Frequency	19		2	20		5	21		2	22		4	23		1	24		5	25		1	2	2 marks for all tallies correct 1 mark for five tallies correct
	Mark	Tally	Frequency																								
19		2																									
20		5																									
21		2																									
22		4																									
23		1																									
24		5																									
25		1																									
	1ft	Correct frequencies for 'their' tallies																									

