

Key Stage 3 Mathematics 1998
Mental Arithmetic Lower Tier Test C

Test C

Mark Scheme

Accept alternative terms for possible shapes, eg oblong, domino, octagon. Do not accept 3-D shapes, eg cuboid. Do not accept drawn responses without indication of the name.

Time: 5 seconds

1	rectangle	SEE ABOVE.
2	2028	Accept correct digits with commas as spacers, eg 2,028. Do not accept incorrect use of decimal points, eg 202.8. Do not accept responses given in words.
3	100 cm	
4	$28.5 < \text{answer} < 29$	eg 28.6, $28\frac{3}{4}$
5	63	
6	22	
7	7.32	Accept equivalent fractions or decimals. Do not accept remainders, eg 7r32.

Time: 10 seconds

8	£ 4.20	
9	37	
10		
11	13	
12	7900	Accept correct digits with commas as spacers, eg 7,900. Do not accept incorrect use of decimal points, eg 79.00. Do not accept responses given in words.
13	$23\% \leq \text{answer} \leq 27\%$	eg 25%
14	9	Do not accept drawn responses without indication of 9.
15	£ 33	

Lower tier Test C mark scheme continued

16	£ 3.02	
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17	5 hours	
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18	-12	
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19	10 cm	Accept more than one of the sides given.
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20	33 years	SEE RIGHT.
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Also accept indication that, as well as 33, 32 or 34 could be possible, eg 32 to 33, 33-34, 32 to 34.

21	10	
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22	4km 8km 12km 16km	
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23	£ 33	Do not accept redundant % signs, eg 33%
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Ignore extra information such as equilateral. Also accept drawings of triangles, provided no side is drawn as a curve.

Time: 15 seconds

24		
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26	circle rectangle square rhombus triangle	
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27	0.2 0.1 0.28 0.23 0.02	
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28	24	
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29	triangle	SEE ABOVE.
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30	29	
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