

Test A

Mark Scheme

Time: 5 seconds

1	370	
2	(0).25	Accept equivalent decimals only.
3	$\frac{6}{10}$	Accept equivalent probabilities.
4	2500 m	Accept correct digits with commas as spacers, eg 25,00. Do not accept incorrect use of decimal points, eg 2.500

Time: 10 seconds

5	49	
6	9.1	
7	48	Do not accept incorrect use of % signs, eg 48%
8	$2k + (1)n (= 41)$	Accept equivalent expressions, eg $\frac{4k + 2n}{2}$
9	Any fraction, or decimal, that is equivalent to $\frac{3}{5}$, eg 0.6, $\frac{6}{10}$, $\frac{30}{50}$	
10	30 cm ²	
11	$h = 21$	
12	1 or 0 or both	
13	9	
14	(0).95	Accept equivalent probabilities.
15	4200	Accept correct digits with commas as spacers, eg 4,200. Do not accept incorrect use of decimal points, eg 420.0

Higher tiers Test A mark scheme continued

16	$c = 13$	
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17	$3y^2 + 18y$	Do not accept incomplete processing, eg $3y^2 + 3 \times 6y$
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18	$100 \leq \text{answer} \leq 105$	eg 100, 101.5.
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Accept descriptions of the shape, eg circular.
Accept unambiguous drawings.

Time: 15 seconds

19	523	
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20	820m	620m	430m
	560m	550m	

21	54.6	
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22	162	
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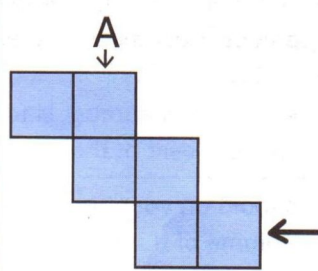
23	circle, sphere or hemisphere	
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24	48 degrees	
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25	3 and 9	Accept in either order.
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26	$21 \leq \text{answer} \leq 23$ m/s	eg 22
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Accept non-ambiguous responses,
eg 3,9 or 3 9. Do not accept ambiguous
responses, eg 39

27		Do not accept ambiguous responses, eg arrow pointing to a corner.
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28	$\frac{1}{6}$	Accept equivalent fractions or decimals.
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29	700	
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30	480 cm^3	
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