

Test A

Mark scheme

Time: 5 seconds

1	20	
2	30 mm	
3	210	
4	$\frac{12}{13}$	Accept equivalent probabilities, eg 0.92(. . .)
5	y^3	Do not accept partial simplification, eg $y \times y^2$
6	400	

Time: 10 seconds

7	9:15 pm \leq answer \leq 9:45 pm	Accept approximations, eg about 9:15 Accept conversion to the 24hr clock and unambiguous notation, eg 9pm 25mins Do not accept responses not given as a time, eg 9 and a half
8	67	
9	9	
10	£ 29	Do not accept redundant % signs, eg £29%
11	5	
12	30 degrees \leq answer \leq 45 degrees	
13	14	
14	50 cm ²	
15	20	Accept embedded answers, eg 12 : 20, 20 : 12
16	22 cm	

Higher tiers Test A mark scheme continued

Time: 10 seconds

17	$3(n + 5)$	Accept equivalent expressions, eg $3n + 15$, $(5 + n) \times 3$ Do not accept incorrect expressions, eg $n + 5 \times 3$
18	$-5 < \text{answer} < 0$	Do not accept -5 or 0
19	0.09	

Accept correct responses with commas as spacers, eg 50,000
Do not accept incorrect use of decimal points, eg 50.000
Do not accept responses given in words.

Time: 15 seconds

20	50 000	See left.
21	0.4 0.15 0.2 0.7 0.85	
22	1116	
23	£ 5.50	Do not accept incomplete processing, eg 5 r 4, 5.5
24	50	
25	$19 \leq \text{answer} \leq 21$	
26	22.5 degrees	Accept equivalent answers.
27	170 dollars	
28	11, 12 12, 13 13, 14 14, 15 15, 16	
29	7, 8 in either order	Ignore references to j or k Accept use of + for 'and', eg 7 + 8
30	64	