

Year 9 mathematics

Mental mathematics Higher tiers test

First name _____

Last name _____

Class _____

Date _____

Total
marks

Practice question

		191	
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Time: 5 seconds

1	km	6650km	1
2		$4a + 5a$	2
3	°		3
4		-7	4
5		$6pq$	5
6		$15 : 30$	6

Time: 5 seconds continued

7	cm	17cm	7
---	----	------	---

Time: 10 seconds

8		3	5	8
9	10p	50p	50p	
	£1	20p	1p	
	20p	2p	20p	
				9

10	cm	8cm	10
----	----	-----	----

11	£	£2.15	11
----	---	-------	----

12	3, _____, _____	12
----	-----------------	----

13		60	13
----	--	----	----

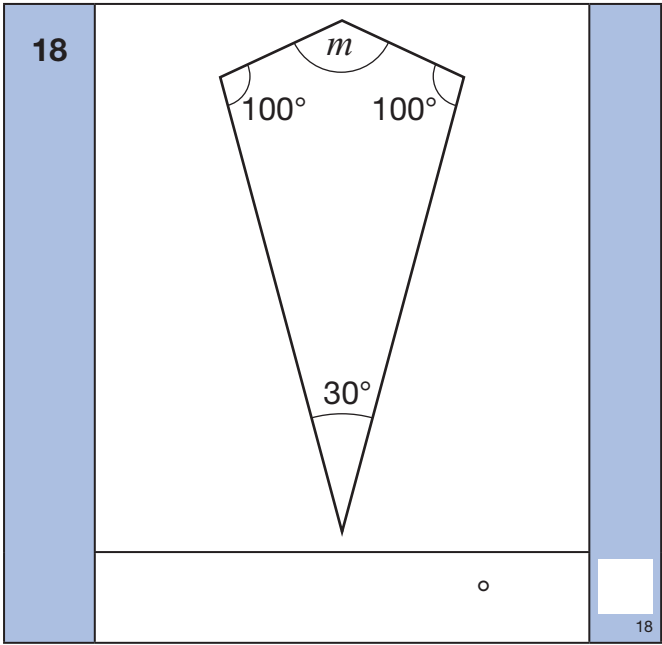
14	cm	8cm	48cm^2	14
----	----	-----	-----------------	----

15				15
----	--	--	--	----

16		26.9	16
----	--	------	----

17		$y = 4x + 2$	17
----	--	--------------	----

Time: 10 seconds continued



19

	8
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19

20

1.001	0.9	1.01
0.99	1.1	

20

21

km/h	3km	6 minutes
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21

22

$3y(5 - y)$

22

Time: 15 seconds

23

cm	1cm to 5km
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23

24

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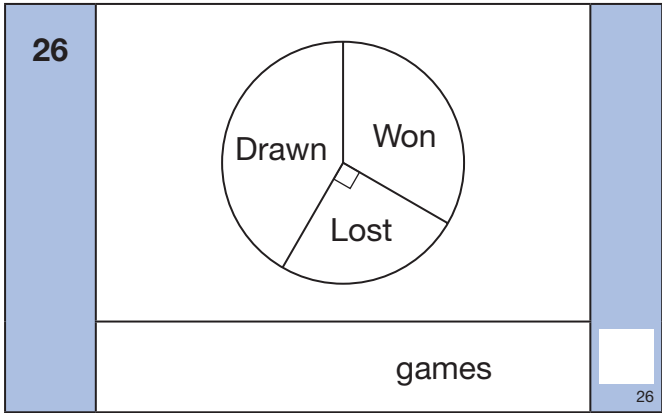
24

25

1	5	4	2	1
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25

Time: 15 seconds continued



27

litres	11 litres per minute
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27

28

Number of people on the bus each morning

2	3	3	3	4	
2	6	6	7	8	9
3	0	0	0	1	3
3	5				

Key

2	3	= 23 people
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28

29

$\frac{45.27 \times 7.84}{4.92}$

29

