

(GL 11+ STYLE) MATHS PRACTICE PAPER 1

An original resource by Capital Tuition Group

Overview

The entirety of this resource is original content. Students ideally will be given 45 minutes to complete the paper.

Question Pages 1-11.

Answer sheet 12.

Marking Scheme 13

Mark your answers on the separate answer sheet.



2. Look at the landscaper's plan. In the Southwest corner, they've placed a shed.



6. Here are 3 fractions. If you ordered them largest to smallest, which would be the middle fraction?



7. Look at the right-angled triangle below.



 $\mathbf{8.}$ What is the area of the triangle?

Α	126cm ²	В	63cm ²	С	77cm ²	D	2772cm ²
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9. One packet of biscuits costs £2.52. How much would a third of a packet cost?

Α	£8.40	В	£1.26	С	£0.84	D	£0.63	
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10. What would the cost of 5 packets of biscuits be?

Α	£10.08	В	£10.80	C	£100.80	D	£1.08

11. Look at the function machine below.



12. Read the following statements about 3-dimensional (3D) shapes and find the one which is incorrect.

A. Cones have one circular base.

- B. Cuboids have six rectangular faces.
- C. Cylinders have six edges.
- D. A triangular based pyramid has four sides.

13. Look at the following multiplication statements and identify which one is <u>incorrect</u>.

Α	Three	В	Eight	С	Six	D	Five
	sevens		twelves		sevens		elevens
	are 10.		are 96		are 42.		are 55.

14. Look at the calculation below.

_____ + 826 = 3241

What is the missing number?

A 2136 B 2145 C 4067 D 2463		А	2136	В	2145	С	4067	D	2463
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15. Sarah purchased several items from the supermarket. She needed to claim the money back, but the receipt had a water stain on it.



16. If there wasn't an offer on the potato peelers, how much would 2 cost?

A	£4.10	В	£4.16	С	£4.08	D	£4.12

17. Look at the quadrilateral and triangle below.



How much <u>more is angle b than angle q?</u>



18. What will the square be in the sequence?

			12, 24, 48	,	, 🗖			
A	108	В	96	C	192	D	102]

19. Jenny is facing East; she turns 180° anti-clockwise. Which direction is she now facing?



20. The square below is split into equal parts.

What percentage of the square is shaded?

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					-		-			
			Α	25%	В	30%	С	42%	D	36%

21. continuation of Question 20*

How many more squares would you need to shade in to get to 48% shaded?



22. A number is made up of 6 ones, 3 tens, 0 hundreds and 2 thousands. When divided by 100, which number does it make?

A	2036	В	20.63	C	20.36	D	2063

What percentage of the square is shaded?





25. Look at the shape below.



D. This is one fifth of a centimetre.

30. Which number below is a prime number?



35. What is 47 ÷ 10?

		-				-	
Α	7.4	В	4.7	С	0.47	D	470

36. A map has the following scale: 3cm = 9km.

On the map, Lincoln is 12cm away from Horncastle.

What is the distance between Lincoln and Horncastle in km?



40. Look at the cuboid below:



A 1:11:06 B 1:06:11 C 0:47	:24 D 1:24:47
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43. Look at the graph below. It shows the number of children who owned pets in Classes 1 - 5.



In Class 1, 12 children owned pets.

If you combined the scores from Classes 1 - 3, how many of those children owned pets?

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Α	27	В	35	С	37	D	45

44. If Ahmed wanted to run an average pace for a 10km and finish in less than 47 minutes. Which time <u>could not</u> be his average 1km time?

A 3m 42s B 4m 50s C 4m 27s D 4m 12s

45. How many twentieths would make one whole?

A 1 B 4 C 5 D 20

Student answer sheet

1)	А	В	С	D	
2)	А	В	С	D	
3)	А	В	С	D	
4)	А	В	С	D	
5)	Α	В	С	D	

6) A B C Image: C 7) A B C D 8) A B C D 9) A B C D						
7) A B C D 8) A B C D 9) A B C D	6)	А	В	С		
8) A B C D 9) A B C D	7)	А	В	С	D	
9) A B C D	8)	А	В	С	D	
	9)	А	В	С	D	
	10)	А	В	С	D	

16)	А	В	С	D	
17)	А	В	С	D	
18)	А	В	С	D	
19)	А	В	С	D	
20)	А	В	С	D	

21)	А	В	С	D	
22)	А	В	С	D	
23)	А	В	С	D	
24)	А	В	С	D	
25)	А	В	С	D	

26)	А	В	С	D	
27)	А	В	С	D	
28)	А	В	С	D	
29)	А	В	С	D	
30)	А	В	С	D	

31)	А	В	С	D	
32)	А	В	С	D	
33)	А	В	С	D	
34)	А	В	С	D	
35)	А	В	С	D	

36)	А	В	С	D	
37)	А	В	С	D	
38)	А	В	С	D	
39)	А	В	С	D	
40)	А	В	С	D	
		-			

41)	А	В	С	D	
42)	А	В	С	D	
43)	А	В	С	D	
44)	А	В	С	D	
45)	А	В	С	D	

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Marking Scheme

1)	А	В	С	D	
2)	А	В	С	D	
3)	Α	В	С	D	
4)	А	В	С	D	
5)	А	В	С	D	

6)	А	В	С		
7)	А	В	С	D	
8)	А	В	С	D	
9)	А	В	С	D	
10)	Α	В	С	D	

11)	А	В	С	D	
12)	А	В	С	D	
13)	А	В	С	D	
14)	А	В	С	D	
15)	А	В	С	D	

16)	А	В	С	D	
17)	Α	В	С	D	
18)	А	В	С	D	
19)	А	В	С	D	
20)	А	В	С	D	

21)	А	В	С	D	
22)	А	В	С	D	
23)	А	В	С	D	
24)	А	В	С	D	
25)	А	В	C	D	

26)	А	В	С	D	
27)	А	В	С	D	
28)	А	В	С	D	
29)	А	В	С	D	
30)	А	В	С	D	

31)	А	В	С	D	
32)	А	В	С	D	
33)	А	В	С	D	
34)	А	В	С	D	
35)	А	В	С	D	

36)	А	В	C	D	
37)	А	В	С	D	
38)	А	В	С	D	
39)	А	В	С	D	
40)	А	В	С	D	

41)	А	В	С	D	
42)	Α	В	С	D	
43)	А	В	С	D	
44)	А	В	С	D	
45)	А	В	С	D	
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Please be advised that this resource is intended solely to simulate the format and structure of the GL 11+ Assessment. It should not be considered a substitute for actual GL/GL 11+ materials.