



BROAD HORIZON
— T U I T I O N —

11+ Tuition

Year 4

Assessment Test 1

Name: _____

Date: _____

Total: _____ **1172** _____ **%**

Pass mark is 70% 120/172

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Overview of Your Scores			
		Your Score	%
×/÷ by 10 and 100	/ 32 marks		
Multiplication	/ 9 marks		
Short Division	/ 9 marks		
Rounding	/ 40 marks		
BIDMAS	/ 10 marks		
Comprehension Techniques	/ 7 marks		
Verbal Techniques	/ 13 marks		
Non-Verbal	/12 marks		
Vocabulary	/ 40 marks		
TOTAL =		/ 172	

Maths Section

You will have 60 minutes to complete the maths section.

Multiplying and Dividing Numbers by 10 and 100

Multiply and divide the number in bold on the left.

You are multiplying and dividing the same number in bold each time, and not the answer to the previous column.

	Question	$\div 10$	$\div 100$	$\times 10$	$\times 100$
E.g.	12	1.2	0.12	120	1200
1)	4.6				
2)	150				
3)	34.8				
4)	17				
5)	0.7				
6)	0.23				
7)	9.34				
8)	27.4				

(32 marks)

Column Multiplication

1.

		2	1	9	0
x				6	9

2.

		1	3	4	2
x				5	2

3.

		1	5	2	1
x				7	3

4.

		1	1	4	3
x				3	4

5.

		2	4	6	8
x				2	7

6.

		1	8	9	5
x				4	6

7.

		1	4	6	2
x				7	0

8.

		1	2	3	9
x				1	9

9.

		1	3	5	9
x				7	7

(9 marks)

Division – Bus Stop Method

1)

$$2 \overline{) 6, 7 4 4}$$

2)

$$3 \overline{) 5, 6 7 3}$$

3)

$$8 \overline{) 2, 9 2 0}$$

4)

$$6 \overline{) 7, 8 3 6}$$

5)

$$9 \overline{) 4, 2 5 7}$$

6)

$$7 \overline{) 8, 6 5 9}$$

7)

$$5 \overline{) 1, 4 9 5}$$

8)

$$2 \overline{) 3, 5 0 8}$$

9)

$$4 \overline{) 9, 7 1 2}$$

(9 marks)

Rounding

Round the following numbers to the nearest 10		
1)	13	
2)	23	
3)	18	
4)	98	
5)	134	
6)	192	
7)	372	
8)	1243	
9)	5253	
10)	37,546	

Round the following numbers to the nearest 100		
1)	140	
2)	260	
3)	180	
4)	345	
5)	352	
6)	985	
7)	1050	
8)	6929	
9)	8728	
10)	12,425	

Round the following numbers to the nearest 1000		
1)	2300	
2)	1978	
3)	4368	
4)	6500	
5)	9500	
6)	13,483	
7)	49,268	
8)	123,436	
9)	15,500	
10)	999,501	

Round the following numbers to 1 decimal place		
1)	4.93	
2)	5.03	
3)	2.68	
4)	7.55	
5)	3.44	
6)	12.09	
7)	18.89	
8)	44.347	
9)	82.383	
10)	49.2532	

(40 marks)

BIDMAS – Order of Operations

1) $(13 + 35) \div (-3 + 5)$

6) $(13 + 23 - 4) \div 8$

2) $(13 - 5) + 12 \div 2$

7) $5 \times 5 \times (9 + 8)$

3) $(13 + 2) + 18 \div 2$

8) $(21 + 4) \times 10 + 3$

4) $(10 + 43 - 5) \div 24$

9) $3 \times 5 \times (10 - 4)$

5) $(12 + 2) \times 14 - 5$

10) $(15 + 45) \div (22 - 2)$

(10 marks)

Comprehension Section

Describe the comprehension methods we have covered over the last few lessons in as much detail as possible. Write as much as you can remember.

Think about:

- Reading itself
- Finding answers in the text
- How to find things in the text

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(7 marks)

Verbal Reasoning

GL Techniques

Type 1:

Underline the TWO words which should change places with each other in order to make sense of the following sentences. Here is an example:

The mat sat on the cat.

- 1) At books I keep my school in my desk.
- 2) My Sally is called dog.
- 3) Four added to three makes one.

Type 2:

In each of the following, there is the SAME connection between the word outside each set of brackets and one word inside each set of brackets. You must find this same connection and underline the two words, one from each set of brackets. For Example:

Car is to (road, wheel, garage) as barge is to (coal, lock, canal)

4) Yacht is to (sail, sea, crew) as aeroplane is to (pilot, sky, airport)

5) Train is to (station, track, platform) as car is to
(motorway, driver, passenger)

6) Dog is to (bone, paw, bark) as horse is to (saddle, rider, hoof)

Type 3:

One letter from the word on the left-hand side must be taken and placed into or added to the word on the right-hand side so that TWO new and proper words are formed which are correctly spelt. All the other letters must remain in the same position. For Example:

B A T H and T E N become (B A T) and (T H E N)
 ^ ^

- 7) F A T E and T U B become () and ()
 8) T O R N and T I P become () and ()
 9) N E A T and M E T become () and ()

Type 4:

A word on the left-hand side will join together with a word on the right-hand side to form a completely new and proper word. The word on the left-hand side always begins this new word. Underline the two words, one from each group. For Example:

tar / won / ton : get / in / low

- 10) in / on / round : come / go / out
 11) power / move / go : full / less / let
 12) a / if / now : way / on / gone
 13) pass / won / win : in / out / age

(13 marks)

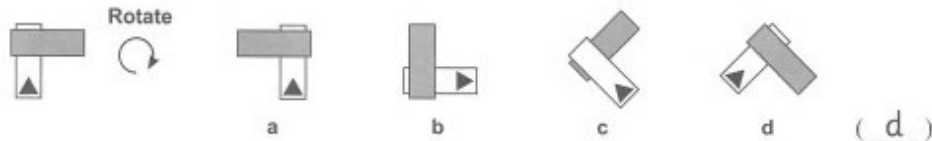
Non-Verbal Reasoning

Rotation

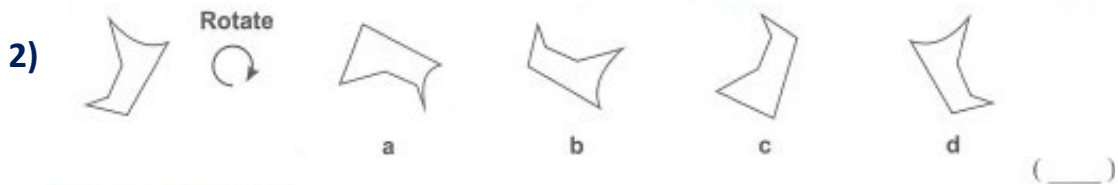
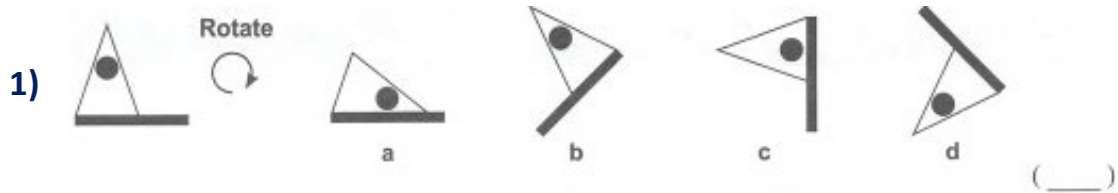
Rotate the Figure

Work out which option would look like the figure on the left if it was rotated.

Example:



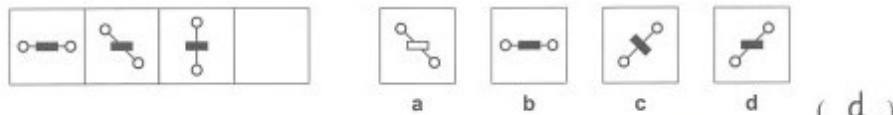
The figure has been rotated 45 degrees clockwise.



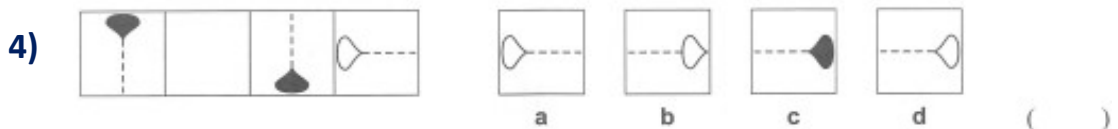
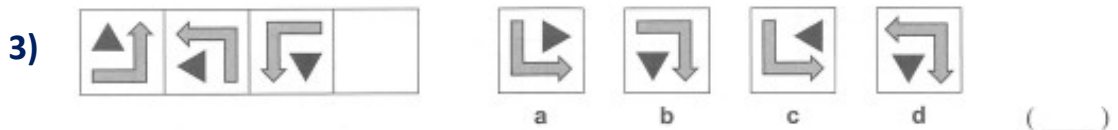
Complete the Series

Work out which of the options best fits in place of the missing square in the series.

Example:



In each series square, the line rotates 45 degrees clockwise. (The black rectangle does not change.)

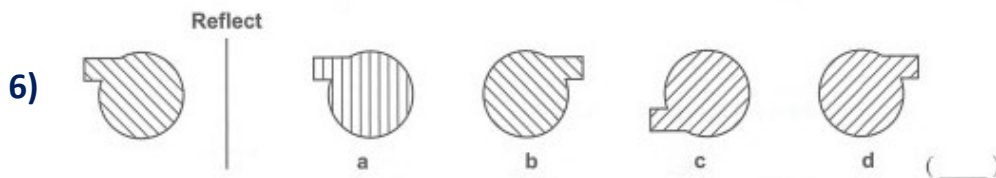
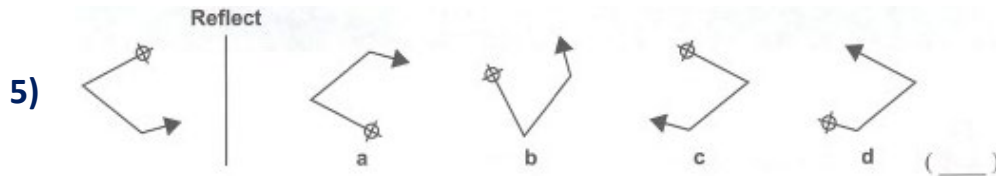
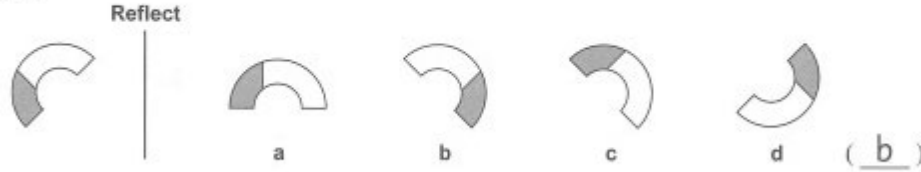


Reflection

Reflect the Figure

Work out which option would look like the figure on the left if it was reflected over the line.

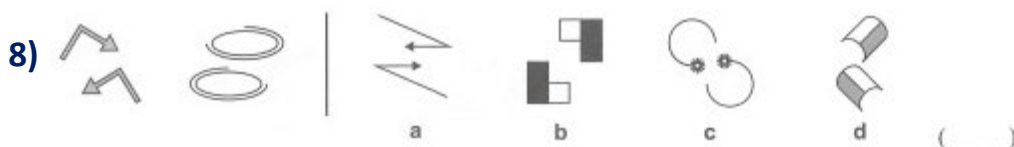
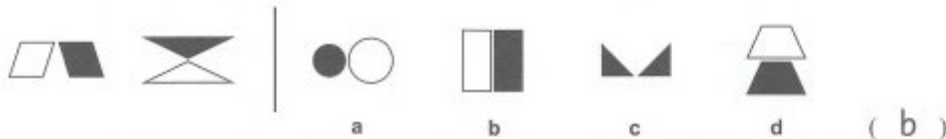
Example:



Find the Figure Like the First Two


Work out which option is most like the two figures on the left.


Example:

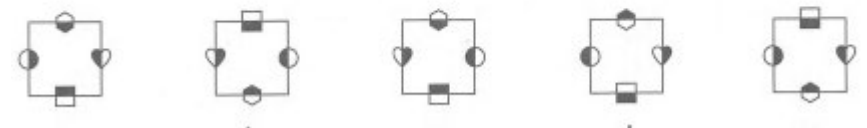


Layering

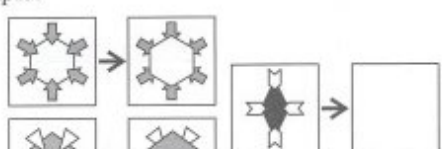
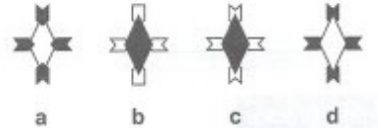
Odd One Out

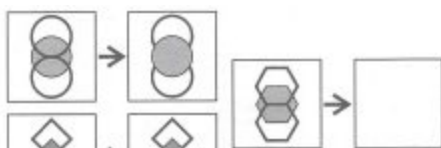
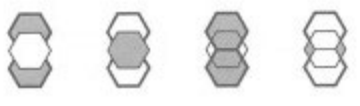
Find the figure in each row that is most unlike the other figures.
 Example:

 a b c d e (C)
 In all the other figures, the black shape is at the front.



9) 
 a b c d e ()

10) 
 a b c d e ()

Complete the Pair

Look at how the first two figures are changed, and then work out which option would look like the third figure if you changed it in the same way.
 Example:


 a b c d (C)
 The arrows move to the back of the figure and the central shape moves to the front.

11) 

 a b c d ()

12) 

 a b c d ()

(12 marks)

Vocabulary Test

Write the definition for each word. (2 marks for each word)

1) Demonstrate	
2) Imagine	
3) Foggy	
4) Invert	
5) Machinery	
6) Advise	
7) Safeguard	
8) Reunite	

9) Aerial	
10) Operate	
11) Courageous	
12) Initiate	
13) Itinerary	
14) Reluctant	
15) Alternative	
16) Casual	
17) Ridiculous	

18) Interrogate	
19) Havoc	
20) Masterpiece	

(40 marks)

END OF ASSESSMENT

