GRAMMAR SCHOOL ENTRANCE TESTS FAMILIARISATION GUIDE

This guide tells you about the different types of questions you will be asked when you take the test for real. It will also help you to understand how to use an answer sheet correctly.

You may print copies of this book, for your own use, to practise answering questions and marking your answers on the answer sheet.

PICTURES

What equipment are you allowed to use in the test?

You will be allowed to use these things in the test:

- an HB pencil
- a rubber
- a pencil sharpener

You will **NOT** be able to use any of the following things in the test:

- a ruler
- a calculator
- scrap paper
- a protractor
- a mobile phone

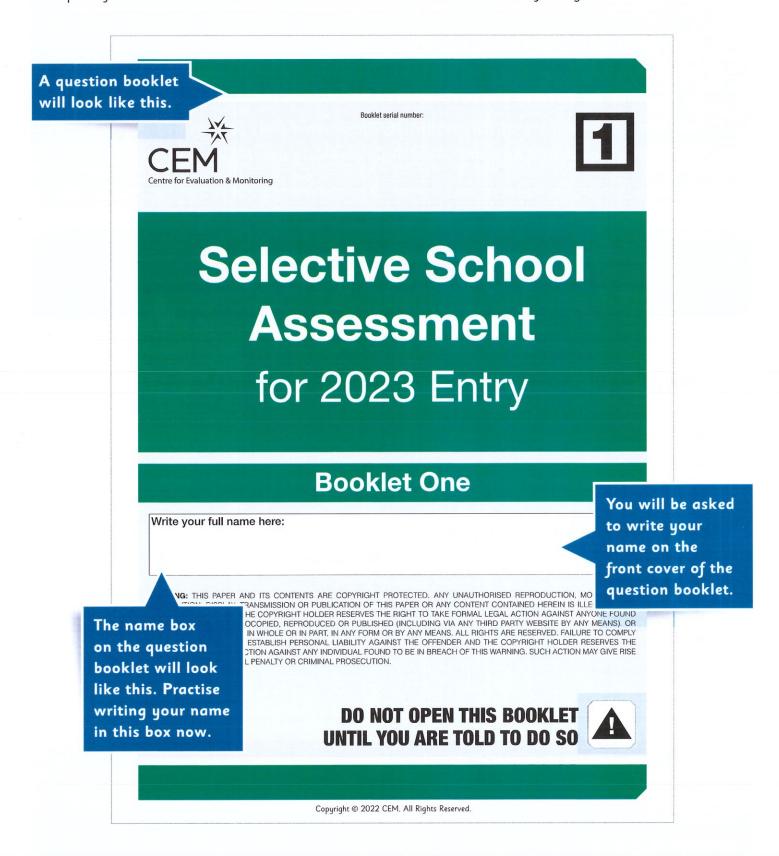
- a camera
- a watch
- any electronic devices
- recording equipment or study notes

Please note: practice materials available in book shops or for sale on the Internet are not genuine CEM resources. This guide is the only official CEM resource available for this assessment.

The test booklets

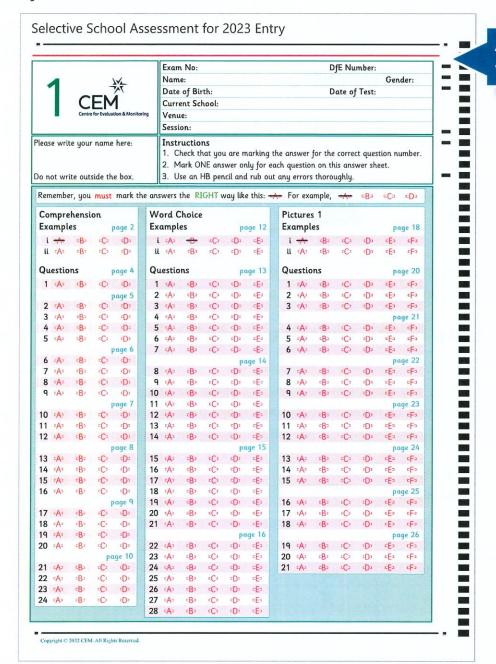
In the real test, you will be asked to work through two question booklets.

You must read the questions in these booklets and then mark your answers on a separate answer sheet. Examples of these booklets and answer sheets are included towards the end of this guide.



The answer sheets

The answer sheet will have your name and some information about you already printed on it. Check that the information shown is correct.



An answer sheet will look like this.

You should tell an adult if there are any mistakes on your sheet, or the information is missing.

If you have to write the information on the sheet, do this neatly and carefully. Ask an adult if you need

If you have to write your date of birth on the sheet, take care to write your actual date of birth and NOT the date you are taking the test.

You will be asked to write your name here, in the small box.

Name: Date of Birth: Venue:

Please write your name here:

Do not write outside the box.

Exam No: DfE Number: Gender: Date of Test: Current School: Session: Instructions

1. Check that you are marking the answer for the correct question number.

2. Mark ONE answer only for each question on this answer sheet.

3. Use an HB pencil and rub out any errors thoroughly.

Information about using the question booklets

Each page of the question booklet will have information to help you shown on it.

- The page number is in the top corner of each page.
- The title of each section is shown on the top line of each page.

Page 5

Pictures

Instructions at the bottom of the pages include the following symbols and words to explain what you need to do:



Time allowed for the section



Go to the next page



Do not turn the page until you are told to do so



Stop working and await instructions

You will also be given instructions about what to do before the test starts by a voice recording, which may be played through a CD player or a computer. Sometimes an adult in the room may read the instructions to you.

What kinds of question are in the question booklets?

In the test, it will take about an hour to answer the questions in each booklet.

There are a number of sections in each booklet. You may be asked questions about reading, sentences, words and their meanings, mathematics and you will also be asked to solve some shape puzzles.

Each section starts with some examples, showing how to answer the different types of questions.

Example questions are numbered using Roman numerals from i up to vi.

Roman numeral	number				
i	1				
ii	2				
iii	3				
iv	4				
V	5				
vi	6				

Please note, these numbers will be read out on the voice recording as 'one', 'two', 'three' etc.

Within each section, you can look back to the example page as often as you wish.

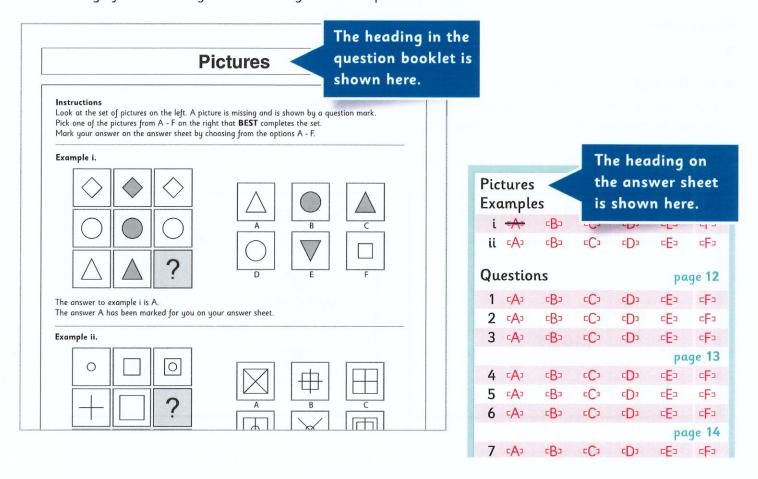
The time available to answer the questions is shown at the start of each section, at the bottom of the example page.



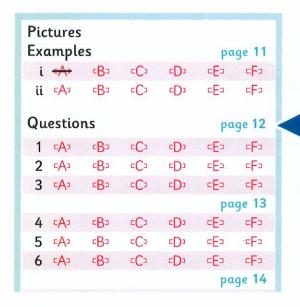
You have 20 minutes for this section.

How to answer the questions

The heading of the section you are working on in the question booklet will be the same on the answer sheet.



You must make sure that you mark your answers in the **CORRECT SECTION** of the answer sheet.



The rows on the answer sheet are arranged to match the pages of the question booklet.

The green text tells you on which page the questions appear in the question booklet.

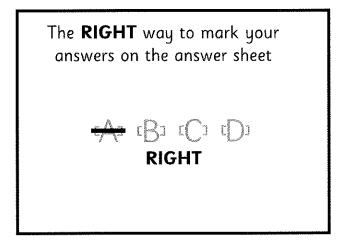
Use this information to check that you are marking your answer in the correct place.

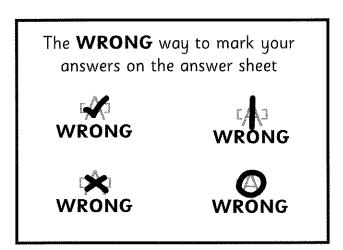
Take care!

If you miss out an answer, remember to leave a gap and mark your next answer on the correct line.

Remember:

- In the real test, you will be given a separate answer sheet for each question booklet.
- You DO NOT mark your answers in the question booklet. Following the real test, a computer is used to mark your answer sheets, your question booklets will not be marked, so it is not a good use of your time to be writing answers into the question booklets.
- Mark your answers carefully with one straight line, using a pencil





- Mark only one answer on each line.
- If you don't know an answer, move on, but take care to mark your next answer on the correct line.
- If you make a mistake, or change your mind, rub out your answer carefully and clearly mark the new answer.

What will a Pictures section be like?

The Pictures section will include some shape puzzles to test your problem solving skills.

This guide includes a section of Pictures questions for you to answer.

There are 21 questions and you have 9 minutes to answer.

Find the 'Pictures' section (it starts on page 11 of this booklet) and also find the answer sheet on page 19.

You may want to remove the answer sheet from this booklet to make it easier to use.

Each question features a shape puzzle. You are asked to find the missing piece of the puzzle from a selection of six pieces.

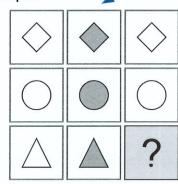
Pictures questions: Example i

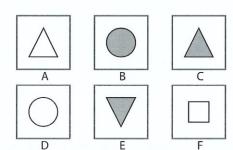
In Example i, you must find the shape which best completes the set by fitting into this space:



Look at the shapes in the grid and try to identify a pattern or a change that is taking place.

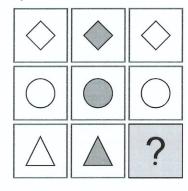
Example i.

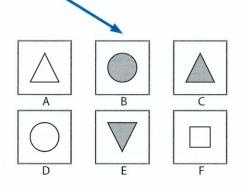




- Study carefully the rows, the columns and the diagonals. Changes may include rotation, reflection, growing, shrinking, and layering. It may also be possible to sort them into groups according to, for example, shading or the number of shapes shown.
- Next, carefully examine the selection of shapes to the right of the grid; they are marked A to F.

Example i.





One of these shapes will fit into the gap marked like this:

- Because the first row of the grid contains 3 squares, and the second has 3 circles, so the third should have 3 triangles. Notice that the shapes are sorted so that only those in the second column are shaded. Because the shapes in the third column are not shaded, the missing shape should also not be shaded. From this we can work out that the missing shape should be a triangle which is not shaded.
- The correct answer is:



Because the letter 'A' appears below the has been marked across the letter 'A' on the answer sheet in the 'Pictures' section

Pictures Examples















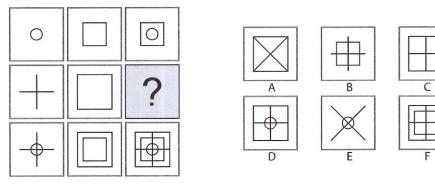
page 11

cF3

Pictures questions: Example ii

• In Example ii, you must find another shape to complete the grid.

Example ii.



• Notice that the shape which appears in the third column can be made by combining the shapes in the first and second columns.



• The correct answer is 'C'

As the letter 'C' appears below the

you should use an HB pencil to clearly mark a straight line across the letter 'C' on your answer sheet, on row ii of the 'Pictures' section.



● Try this in the example here ii ←A³ ←B³ ←C³ ←D³ ←E³ ←F³ and also on your practise answer sheet.

How long will you have to answer the Pictures questions?

In this exercise Pictures section, there are 21 questions and you are allowed 9 minutes to answer them. In the real test you will be told how long you have to answer the questions in a section by a message in the question booklet like this:



You have 9 minutes for this section.

The recorded voice instructions will also provide you with a reminder.

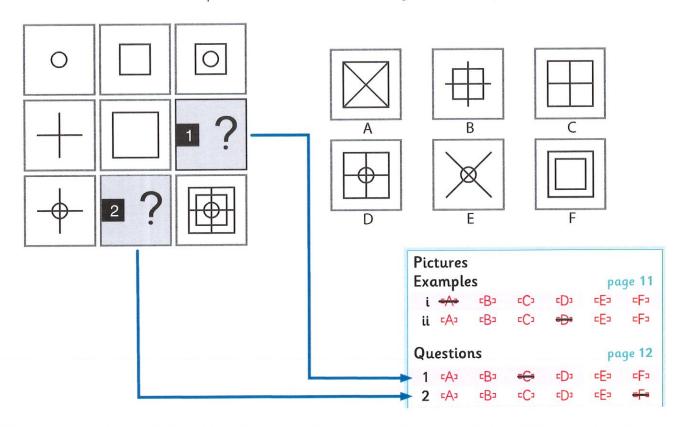
Helpful things to remember

- You must work quickly and carefully if you are to answer all of the questions, always remembering to mark the correct answer in the right place on your answer sheet.
- Try to answer as many questions as you can. If you cannot answer a question, do not worry, just move on to the next question within the section.
- The answers are grouped to match the pages on which the questions appear. There is a gap between the answers where one page of questions ends and the next starts.
- If you find a mistake, carefully rub out the incorrect answer and replace it with your new choice.
- If you miss out a question, be careful to leave a gap on your answer sheet and mark the answer to the next question in the correct place.

Now try answering some Pictures questions.

On the following pages there are some example Pictures questions for you to answer.

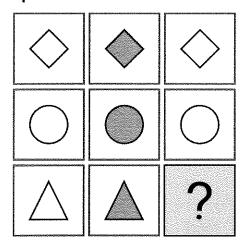
- Remember to use the correct part of your answer sheet.
- When you have decided on the correct answer, look to see which letter appears below your chosen shape.
- Then, use an HB pencil to mark a straight line across this letter on the appropriate row 1 of the 'Pictures 1' section on your answer sheet.
- For example, mark the answer to question 1 here: -
- You DO NOT mark the answer in the question booklet. In the real test, a computer marks your answer sheet, your question booklet will not be marked.
- **Pictures** Examples page 11 i •∧• cB3 CC3 cD3 cE3 cF3 cB3 CC3 cF3 ii cA3 cD3 Questions page 12 rB⊐ cD3 cF3 1 cA3 □C3 cF3 2 cA3 cB⊐ cC3 cD3 cE3 3 cA3 cE= cB3 CC3 cD3 cF3
- Once you have answered question 1, move quickly to question 2.
- You will not be asked to move on to the next question, just keep working through the questions as quickly as you can.
- When you have finished, you can check your answers using the table at the back of this guide.
- Sometimes, the real test may have sections with two questions as part of the same set of pictures, as shown below. Please take care when marking your answers on your answer sheet. Make sure you mark your answer on the line that matches the question number and mark only one answer per line.

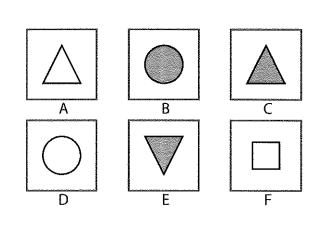


Instructions

Look at the set of pictures on the left. A picture is missing and is shown by a question mark. Pick one of the pictures from A - F on the right that **BEST** completes the set. Mark your answer on the answer sheet by choosing from the options A - F.

Example i.

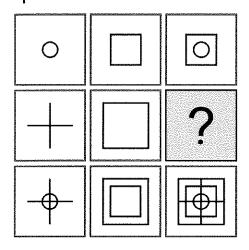


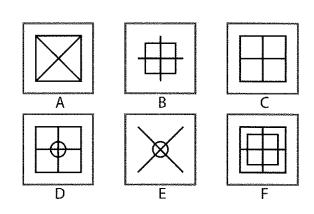


The answer to example i is A.

The answer A has been marked for you on your answer sheet.

Example ii.





The answer to example ii is C.

Mark the box with the letter C on your answer sheet.



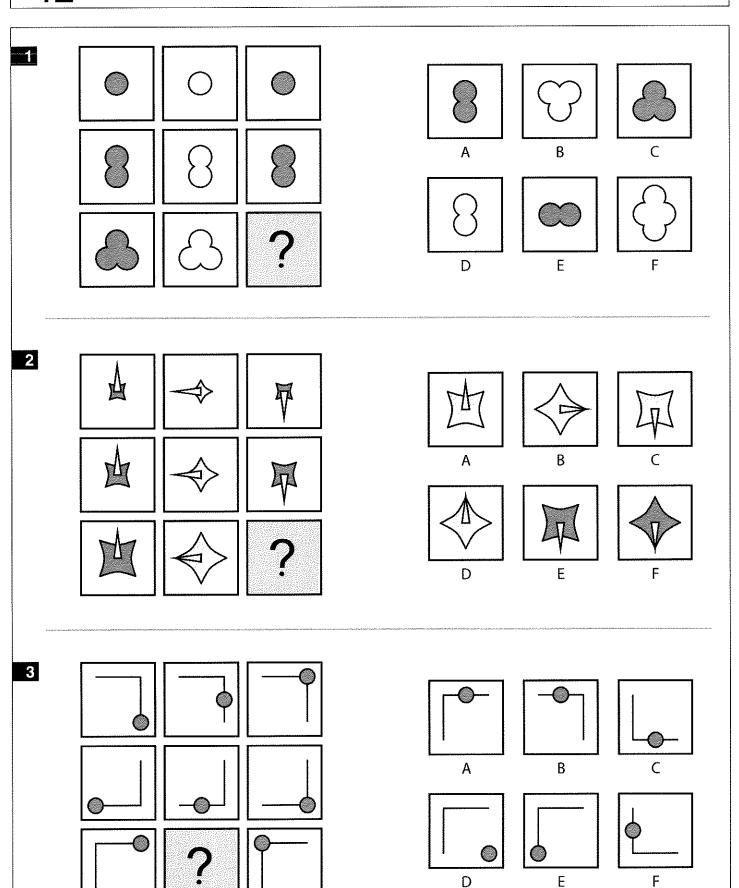
You have 9 minutes for this section.

DO NOT turn this page until you are told to do so.



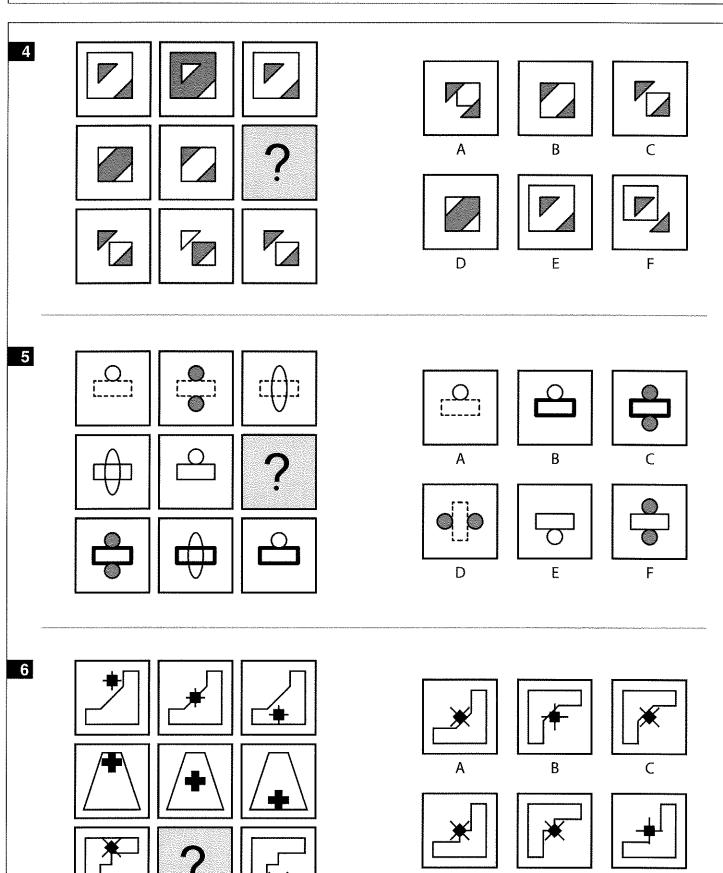
^{Page} 12

Pictures

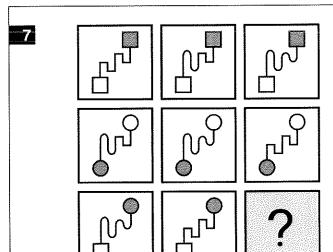


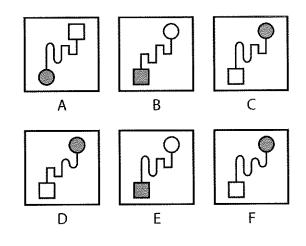
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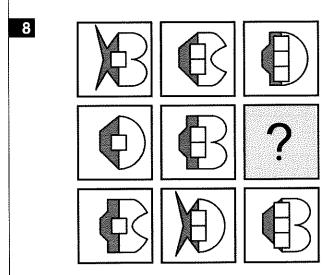


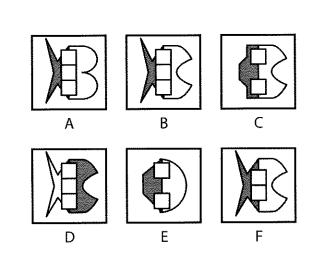


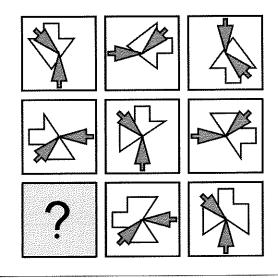


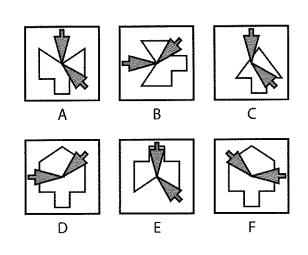










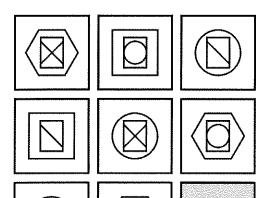


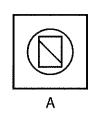
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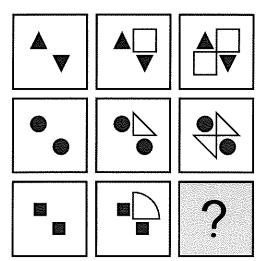








11







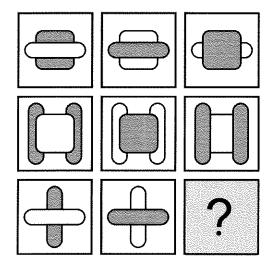








12











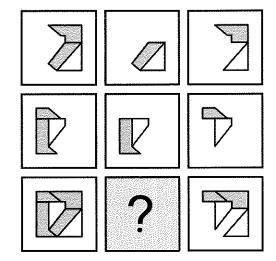


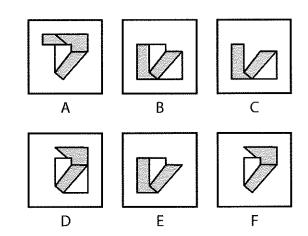


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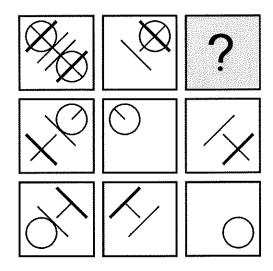


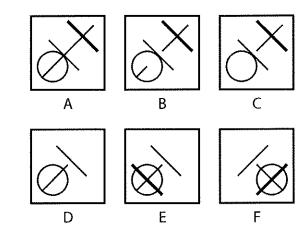




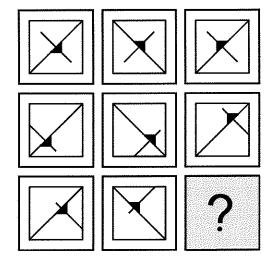


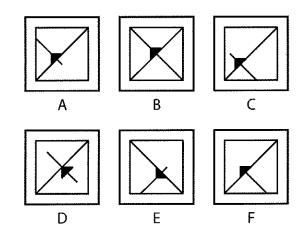
14





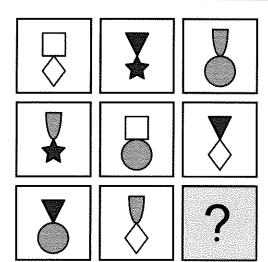
15















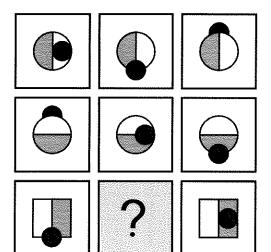








17



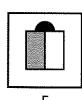




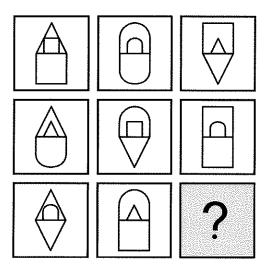




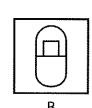


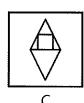


18









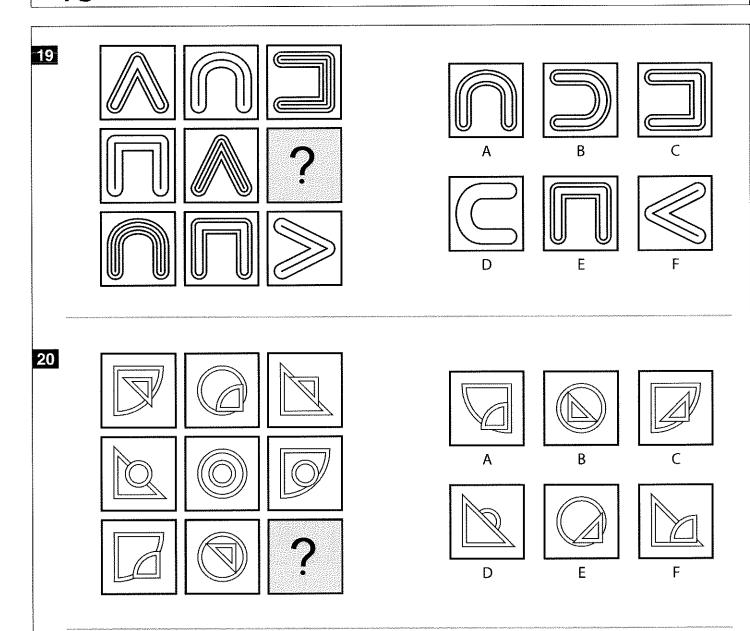




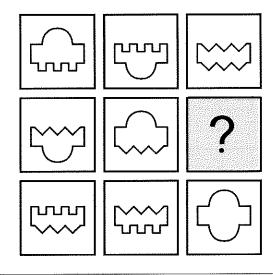


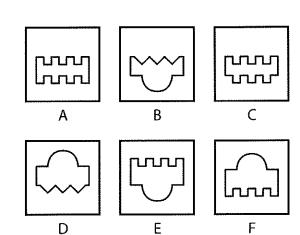
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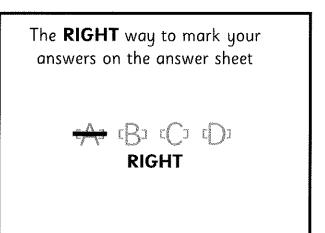
STOP WORKING. You may check your work from this section only.

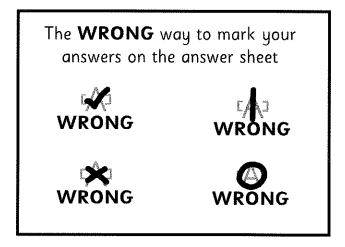


Answer sheets

The following pages contain the answer sheets, which you can remove from the booklet.

Remember





Answers to Pictures section											
Question	Answer	Question	Answer	Question	Answer						
1	С	8	В	15	А						
2	E	9	A	16	F						
3	Α	10	E	17	D						
4	D	11	С	18	A						
5	F	12	D	19	В						
6	E	13	В	20	F						
7	С	14	E	21	С						

Page 21 Exam No: DfE Number: Name: Gender: Date of Birth: Date of Test: Current School: Venue: Session: Instructions Please write your name here: 1. Check that you are marking the answer for the correct question number. $2. \ \,$ Mark ONE answer only for each question on this answer sheet. Do not write outside the box. 3. Use an HB pencil and rub out any errors thoroughly.

Word Choice							Comprehension					Pictures					
	ample			po	ige 11	Examples page 8			Examples					page 11			
į		cDs	rC3	cD3	cEo		-/\-	сВэ	cC3	cDa		=	cB⊐	□C ⊃	□D3	⊏E⊐	cF3
ĹĹ	E A 3	EB3	EC3	cD3	cE2	ii	cA ₃	cR3	E(_)3	€Da	ii	c\J	cB₃	cC3	ED3	cE2	cF3
Questions page 12				Carefully mark your 10					Questions					page 12			
1	сДэ	сВэ	EC3	ED3	cE3			here.		e	1	сДэ	сВэ	□C3	cD3	cE2	cF3
2	cAa	сВ⊐	cC3	ED3	cE3	sure	you	have	the		2	cA ₃	□B□	□C3	cD3	cE3	cF=
3	cA3	⊏В⊐	EC3	cD3	rE=	righ	t que	stion		D ₂	3	cA ₃	cB ³	гC ₃	cD3	cE=	cF3
4	εДэ	г В з	сСэ	cD3	cE2	3	L/A)	rP3	EC3				THE REAL PROPERTY.				ge 13
5	εAs	сВэ	EC3	cD3	cEa	4	гДэ	сВэ	cCэ	cD3	4	гДэ	сВ⊃	сCэ	cD3	cE=	cF ₂
6	εДэ	сВэ	EC3	cD3	c <u>E</u> o	5	сДз	сВ⊃	cC3	cD3	5	гДэ	cB∍	□C⊐	□D3	cE⊐	cF=
7	EA3	сВэ	cC3	cD3	cEo				po	ige 12	6	ΕДэ	сВ∍	□C3	□D3	cE2	cFo
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8	cA2	сВэ	cC3	cDa	cE2	7	сДэ	сВэ	сCэ	cD3	7	гДэ	□B□	cC3	cD3	cE2	cF2
9	εДэ	сВэ	EC3	ED3	cEa	8	εAэ	гВэ	cC3	€D∋	8	сДэ	□B□	cC₃	cD3	cE2	cF3
10	cA ₃	сВэ	сCэ	ED3	cE3	9	ΕДэ	EВ⊐	сСэ	cD3	9	гДэ	cВ⊐	сСэ	cD3	cE2	cF2
11	сДэ	сВэ	∈C∋	ED3	cE2				po	ige 13						ра	ge 15
12	сДэ	сВэ	□C∋	cD3	cEa	10	гДз	сВэ	EC3	сДэ	10	сДэ	□B□	□C3	cD3	cE2	cF3
13	сДэ	сВэ	EC3	ED3	cEa	11	EA3	EB⊐	EC3	сDэ	11	гДз	сВ∍	□C⊐	cD3	cE=	cF3
14	ЕДЭ	сВз	EC3	cD3	c E ⊃	12	сДз	cB ₂	□C3	cD3	12	сДэ	сВ∍	сC₃	cD3	cE2	cF∍
page 14				13 cA3 cB3 cC3 cD3					pa						ge 16		
15	EAJ	cB2	cC3	cD3	cEa				pa	ige 14	13	сДэ	сВ∍	сCэ	cD3	cE2	cFo
16	c\A3	сВэ	cC3	cD3	cE2	14	cA3	сВэ	cC3	cDa	14	EA_3	□B□	□C3	$\Box D_3$	cEa	cF=
17	сДэ	сВэ	cC2	cD3	cE2	15	EA3	гВэ	cC2	€Da	15	сАэ	cB=	cC3	cD3	cE2	cF=
18	cA_3	cB3	□C⊃	cD3	cE3	16	c\alpha_3	сВэ	∈C∋	cD3						pa	ge 17
19	c\D	сВэ	cC₃	cD3	cE3	17	E\Z	EB3	EC3	сДэ	16	сДэ	□B□	□C ³	□D3	cE⊃	cF=
20	cA3	сВэ	cC3	ED3	cE3					ge 15	17	c A 3	□B□	□C3	cD₃	cE2	cF=
21	cA3	cB3	cC3	cD3	cE3		гД⊐	гВэ	cC3	cD3	18	c A 3	□B□	□C3	cD3	cE2	□F□
					ge 15	19		EB3	сCэ	cD3			Managara and	Maria Santa		DATE OF THE PARTY	ge 18
	cA ₃	сВэ	€C3	cD3	cE3	20	c\(\begin{array}{c} \)	сВэ	EC3	cD3		c A 3	cB⊃	□C ³	cD3	cE3	cF=
	гДз	EB3	cC3	cD3	cEa	21	c ∀ 3	cB2	cC3	cDa		c ∀ ₃	□B⊐	□C3	□D3	cE3	cF3
	εДэ	cB ₂	cC₃	cD3	cEa					ge 16	21	c A 3	cB∍	□C3	□D3	cE2	□F⊃
25	εДз	сВэ	cC3	cD3	cE2		c\(\rightarrow\)	cB2	cC₃	cD3							
						23	cA ₃	cB3	cC₃	cD3							
						24	cA3	cB3	cC3	cDa 📑							

Maths 1 - Exan	rples												
page 27				page 27								p	age 28
i 0 3			ii					iii	гДз	-D-	EC3	cQ3	cE2
-0			c0a c1a c2a c3a c4a c5a c6a c7a c8a c9a	c0° c1° c2° c3° c4° c5° c6° c7° c8° c9°				iv	cA3	€В⊐	eCэ	€D¤	cΕσ
Questions		page 31		page 32			page 33					D	age 33
page 30	4	page 51	7	page 32	10		page 33	13	сДэ	сВэ	EC3	€Da	cE3
1 =0==0= =1===1=	cO3 c13	cO3 c13	c()3	c(): c1:	10	c()=	cOp c1p	14	гДз	гВэ	cC ₃	cD3	⊏E⊐ age 34
c31 c31	±2= ±3=	c23 c32	□2□ □3□	⊏2□ ⊏3□		c3=	c2=	15	εДэ	сВэ	сСэ	cDa	cE=
c40 c40 c50 c50	c43 c53	c43 c53	c45 c53	c4= c5=		c4p	c43	16	сДэ	сВэ	ЕСэ	cDo	c <u>E</u> p
c73 c73	c63	c6= c7=	c63 c73	c6 ³		c63	c62 c73	17	εДэ	€Вэ	сСэ	cO3	cEo
c93 c93	c93	c83 c93	c93	ε 8 ⊐ ε 9 ⊃		c8 ₂	c93	18	сДэ	сВэ	сСз	cQ3	cE3
												p	age 35
2	5		8		11			19	сДэ	сВэ	EC3	cD3	cEa
c() c() c()	cO=	c()= c()=	c()3	c(): c():		c()3	c()=	20	εĄэ	сВэ	cC2	cD3	cEa
c2 c2 c3	c23	c23	€2¤ €3¤	□2□ □3□		=2= =3=	c23	21	сДэ	сВэ	EC3	cDa	cE3
c43 c43	c42 c53	:42 :53	c43	c43		c43	□4□ □5□	22	сДэ	гВэ	εСэ	€D3	age 30
c62 c62	-6 ³	-6 ³	-6 ⁻	=6= =7=		c63	c63 c73	23	εДэ	сВ⊐	сСэ	cDa	cE3
c83 c83	E83 E93	c83 c93	c83 c93	E 8 ⊐		c83	E83	24	гДз	сВэ	ЕСэ	cDo	cEo
3	6		9		12								
cO3 cO3 c13 c13 c23 c23 c33 c33 c43 c43 c53 c53	cO= c1= c2= c3= c4= c5=	c0= c1= c2= c3= c4= c5=	c()3 c 13 c 23 c 33 c 43 c 45	c0: c1: c2: c3: c4:		c03 c13 c23 c33 c43 c53	cO ³ c1 ³ c2 ³ c3 ³ c4 ³						
c53 c53 c63 c63 c73 c73 c83 c83 c93 c93	c63 c73 c83	c63 c73 c83	-63 -73 -83 -93	□6□ □7□ □8□		-53 -63 -73 -83 -693	-63 -73 -83 -93						

