



CEM Style 11+ Short Paper

Booklet 1A

Print your name here:

Sign your name here:

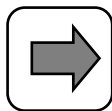
Information about this practice paper:

- The time allowed is given at the start of each section.
- The page number appears at the bottom left corner of each page.
- The title of each section is provided on the top line of each page.
- Answers should be clearly marked in pencil on the answer sheet, in the space provided.
- Use the pages of the test to write your workings out.
- If you make a mistake, rub it out and insert your new answer.
- If you are not sure of an answer, choose the one you think would be best, do not leave it blank.

Symbols and phrases used:



Symbol Description:
Time allowed for each section.



Symbol Description:
Go to the next page.



Symbol Description:
Do not turn the page until told to do so.



Symbol Description:
Stop working and await instructions.

Synonyms

Synonyms

Instructions

Select the word that has the SAME or SIMILAR meaning to the word on the left.
Mark your answer on the coloured answer sheet by choosing one of the options A-E.
There is only one right answer for each question.

Example

	A	B	C	D	E
start	end	begin	progress	least	last

The correct answer is:

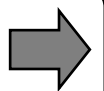
B

begin

The answer B has been marked for you on the answer sheet.



You have 4 minutes for this section.



Synonyms

1 strenuous

A	B	C	D	E
constant	overbearing	timely	vigorous	animated

2 unwilling

A	B	C	D	E
related	reluctant	relaxed	relevant	repentant

3 catastrophe

A	B	C	D	E
disaster	disability	disadvantage	disagreement	disappointment

4 concerning

A	B	C	D	E
about	among	around	above	almost

5 fable

A	B	C	D	E
essay	story	study	adventure	feature

6 intrepid

A	B	C	D	E
faceless	faultless	flawless	feckless	fearless

7 meddled

A	B	C	D	E
interrogated	interpreted	interacted	interfered	intercepted



Synonyms

8 ulterior

A	B	C	D	E
ultimate	further	longer	hidden	yonder

9 overthrow

A	B	C	D	E
deafen	defeat	debate	decide	defend

10 pastime

A	B	C	D	E
history	hobby	hideaway	honesty	hypocrisy

11 amble

A	B	C	D	E
march	stay	hike	step	saunter

12 harass

A	B	C	D	E
distress	inundate	badger	beat	beg

13 bazaar

A	B	C	D	E
strange	market	weird	bargain	trade

14 worthless

A	B	C	D	E
priceless	pointless	blameless	thankless	valueless



Comprehension

Comprehension

Instructions

Carefully read through the passages of writing. Then answer the questions that follow. Mark your answer on the answer sheet by choosing one of the options A to D. Look at the example below.

Example Passage.

The boys went fishing by the river. They only caught one fish.

Example.

Where did the boys go fishing?

- A By the river
- B In the pond
- C In the sea
- D By the lake

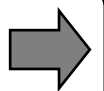
The correct answer is A, 'by the river.'

Find example a in the Comprehension section on your answer sheet.

The answer, A, has been marked for you.



You have 10 minutes for this section.



Comprehension

Dear Granny and Grandad

22 June 2015

I am having a fantastic time here and have been to see many sights. On our first day we visited the Nobel Peace Centre which was really interesting. We had lunch there which was a delicious fish dish but we got a shock when the bill arrived - 65 Krona - then we remembered that there are 13 Krona to every British pound, so it wasn't as expensive as we first thought! In the afternoon we learnt to sail a Viking longship; there were two ships with 10 of us children in each boat each with 4 instructors. It was hilarious, especially when Joel from 6W dropped his camera overboard. He didn't see the funny side though; he will be in trouble as his mum bought it especially for this trip. Oslo is a crazy city at this time of year as it stays light for so long every day. This morning it was daylight by 02:53 and it didn't get dark until 21:43!

That's all for now, see you soon!

Love from Lily xx



NORGE NOREG 320

Mr & Mrs A Watts

24 Wells Road

Malvern

Worcs

UK

WR15 2HD



Dear Mum and Dad

20/8/15

We had a good journey here although our take-off was delayed by 90 minutes due to a nasty storm! Moscow is a fabulous city with some awesome buildings, but the most interesting part of our trip so far has been when we went to the Museum of Cosmonautics. Did you know how superstitious astronauts are? Apparently it all dates back to Yuri Gagarin who was the first man in space in his Vostok 1 spacecraft in 1961. I Can't believe what they always do. it's so strange; they have a haircut, they each plant a tree near the launch pad and lay red carnations at a memorial site. The night before the launch they always watch the 1970 film 'The White Sun of the Desert'. They always have champagne for breakfast on the morning of the take-off and a priest blesses the rocket. The very last thing they do is sign the door of their hotel room and they always take a cuddly toy with them to dangle from the control panel on the spaceship. I so want to be an astronaut now!!

Lots of Love Freddie



Mr and Mrs T. Jones

The Old Forge

Twynning

Glos

United Kingdom

GL19 8BD



Comprehension

1 How much was Lily's lunch at the Nobel Peace Centre, in British pounds?

- A £6.50.
- B £5.00.
- C £4.80.
- D £7.50.

2 Of which country is Oslo the capital city?

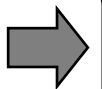
- A Finland.
- B Austria.
- C Norway.
- D Denmark.

3 What was the ratio of instructors to students on the longships?

- A 2:5.
- B 5:2.
- C 10:14.
- D 1:6.

4 What had Joel's mother purchased specifically for this school trip?

- A A new phone.
- B A new backpack.
- C A new camera.
- D A new pair of walking boots.



Comprehension

5 How many hours of daylight did the people of Oslo enjoy on the day Lily sent her postcard?

- A 17 hours and 50 minutes.
 - B 18 hours and 10 minutes.
 - C 17 hours and 40 minutes.
 - D 18 hours and 50 minutes.
-

6 What mode of transport did Freddie use to travel to Moscow?

- A Ferry.
 - B Channel Tunnel rail link.
 - C Aeroplane.
 - D Train.
-

7 In which county do Freddie's parents reside?

- A Gloucestershire.
 - B Glamorgan.
 - C Cumbria.
 - D Derbyshire.
-

8 How old is the film *The White Sun of the Desert*?

- A 35 years old.
- B 45 years old.
- C 55 years old.
- D 30 years old.



Comprehension

9 What is the concluding thing the superstitious astronauts do before they leave the hotel?

- A They choose a cuddly toy to take with them.
 - B They leave their signature on the hotel room door.
 - C They have a glass of champagne.
 - D They lay flowers at the memorial wall.
-

10 Of which country is Moscow the capital city?

- A Poland.
 - B Afghanistan.
 - C Russia.
 - D Mongolia.
-



Maths 1

Maths 1

Instructions

In this section, choose one option from A-E to answer the question.

Example:

What is $14 + 38$?

A	B	C	D	E
54	52	62	64	48

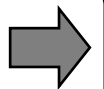
The answer is:

B
52

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



You have 7 minutes for this section.



Maths 1

1 What is the sum of 23, 43 and 81?

A	B	C	D	E
80109	142	157	147	139

2 If $3600 \div 50$ is 72, what is $3600 \div 25$?

A	B	C	D	E
36	70	144	140	150

3 What is the mode of the following numbers? 0, 1, 0, 7, 1, 0, 4, 3, 3, 5

A	B	C	D	E
0	3	4	2	5

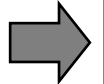
4 Which number is exactly half-way between 26 and 122?

A	B	C	D	E
70	72	73	74	75

5 What percentage of the following numbers is exactly divisible by 3?

321, 419, 525, 442, 607

A	B	C	D	E
40%	20%	25%	10%	75%



Maths 1

6 If you rearrange the following numbers in order of size, which one would be in the middle?

A	B	C	D	E
8618	8171	8116	8768	8710

7 What would be the next number in the following sequence? 41, 38, 35, 32, 29, ?

A	B	C	D	E
22	24	26	17	28

8 How many pennies are left over when £4.12 is divided by 4?

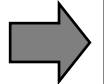
A	B	C	D	E
1p	2p	0p	3p	4p

9 What is two-thirds of 78 centilitres?

A	B	C	D	E
52cl	14cl	56cl	40cl	50cl

10 How many minutes are there between midday and midnight?

A	B	C	D	E
7200	720	72000	600	360



Maths 2

Maths 2

Instructions

In this section, mark your answer on the coloured answer sheet by filling in the correct number. Look at the examples below.

Example

What is 18 minus 12?

The number 6 is written as '06' in the top boxes and the corresponding digits '0' and '6' are marked in the boxes below.

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



You have 7 minutes for this section.



Maths 2

1

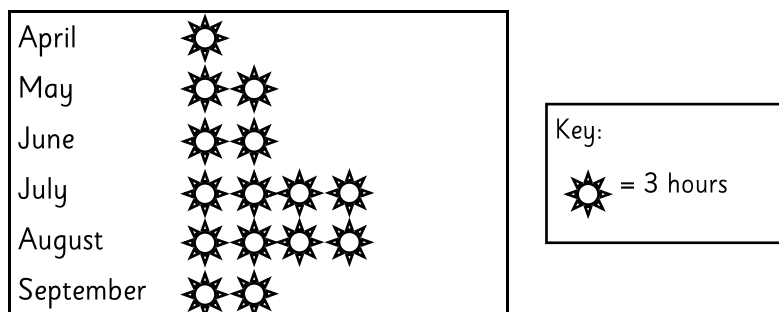
London	09:53	10:40	11:08
Reading	10:21	11:12	11:37
Swindon	10:48	11:37	12:09
Bristol	11:16	12:02	12:31

A train leaves London at 10:40 am and arrives at its final destination in Bristol at 12:02pm.

How many minutes has the journey taken?

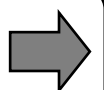
Mark your answer on the answer sheet.

- 2 The pictogram below shows the average number of hours of sunshine from April through to September.



How many average hours of sunshine were there in July and August altogether?

Mark your answer on the answer sheet.



Maths 2

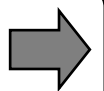
- 3 At the end-of-term disco in year 5, a quarter of the boys refuse to dance. There are 48 children in the year group and exactly half of them are girls.

How many children end up dancing at the disco?

Mark your answer on the answer sheet.

- 4 In a pond, there are 40 tadpoles. In a second pond, there are twice as many tadpoles and in the third pond there are 20% less tadpoles than in the second pond. How many tadpoles are there in the third pond?

Mark your answer on the answer sheet.



Maths 2

- 5 At a party, there are 70 cakes and $\frac{2}{7}$ of them are cupcakes.
How many are not cupcakes?

Mark your answer on the answer sheet.

- 6 At a school's sports day, there are four competitors in every event. The Head awards a sticker to every competitor. The stickers either say 'First', 'Second', 'Third', or 'Well Done'.

By the end of the afternoon, the Headmaster has handed out a total of 320 stickers.

How many events have there been?

Mark your answer on the answer sheet.

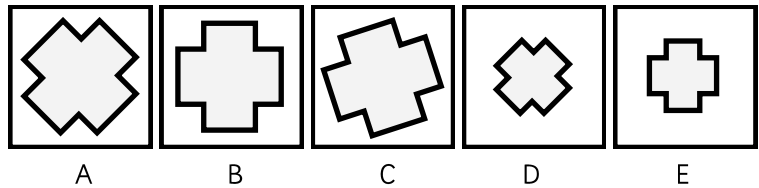
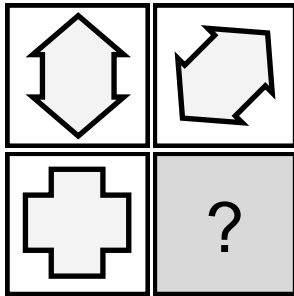


Pictures 1

Instructions

There is a set of pictures on the left with a missing picture shown by a question mark.
Pick one of the pictures from the right to complete the set. Choose one of the options A-E.

Example:



The answer to example 1 is A.

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

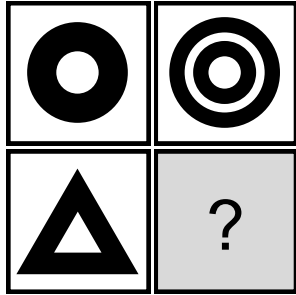


You have 5 minutes for this section.



Pictures 1

1



A

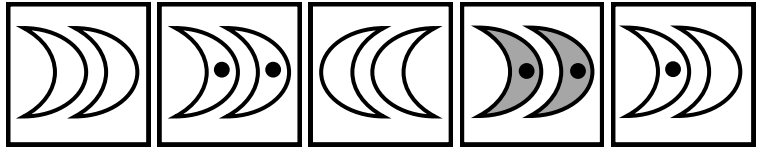
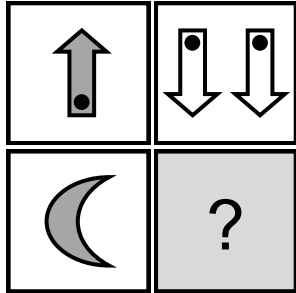
B

C

D

E

2



A

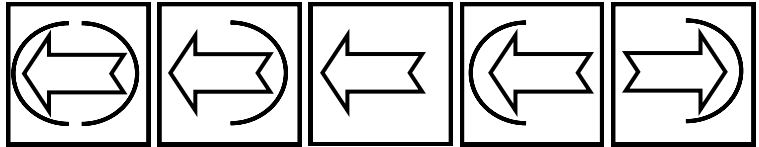
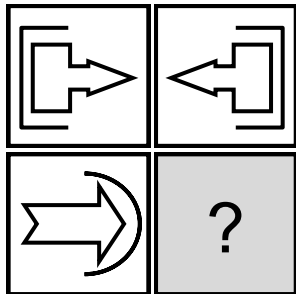
B

C

D

E

3



A

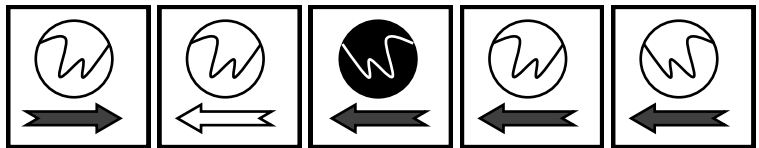
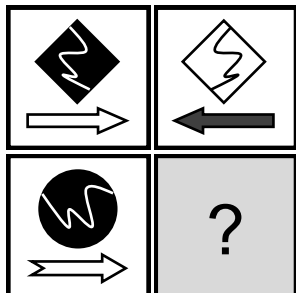
B

C

D

E

4



A

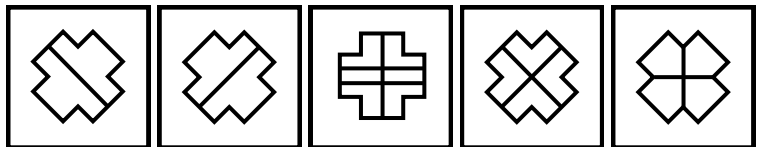
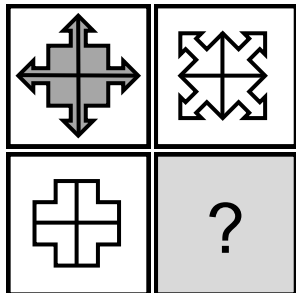
B

C

D

E

5



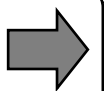
A

B

C

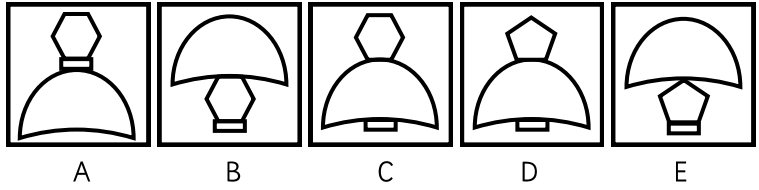
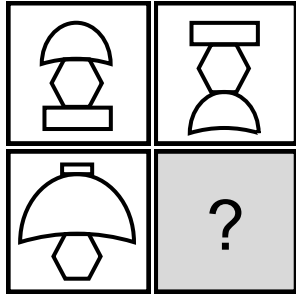
D

E

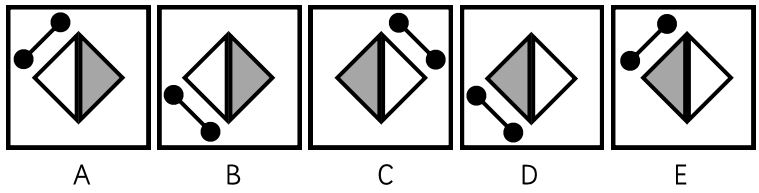
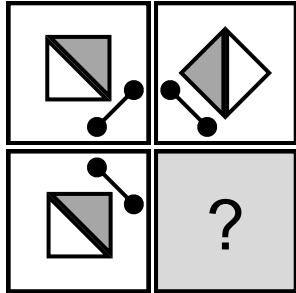


Pictures 1

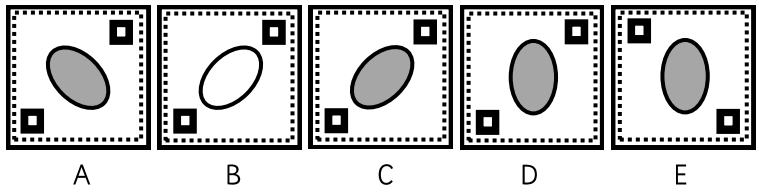
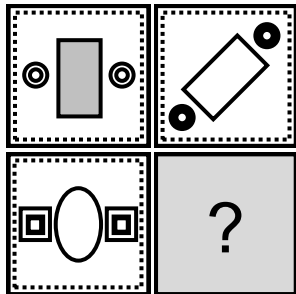
6



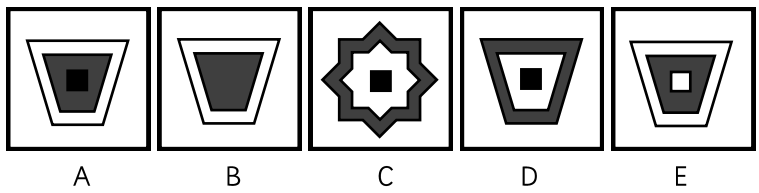
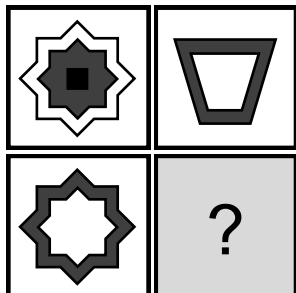
7



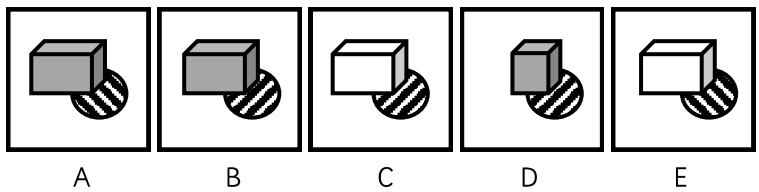
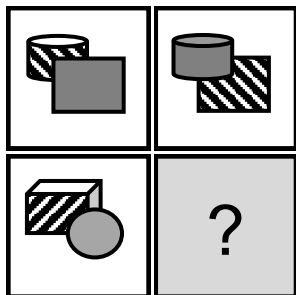
8



9



10



Name:

Date of Birth:

Date of Test:

Current School:

1A

1. Check that you are marking the answer for the correct question.
2. Mark one answer only for each question in your test booklet.
3. Mark boxes like this:
4. Use an HB pencil and rub out any errors thoroughly.

Please write your name here:

Synonyms — Example:

1 [A] [C] [D] [E]

Questions:

1 [A] [B] [C] [D] [E]

2 [A] [B] [C] [D] [E]

3 [A] [B] [C] [D] [E]

4 [A] [B] [C] [D] [E]

5 [A] [B] [C] [D] [E]

6 [A] [B] [C] [D] [E]

7 [A] [B] [C] [D] [E]

8 [A] [B] [C] [D] [E]

9 [A] [B] [C] [D] [E]

10 [A] [B] [C] [D] [E]

11 [A] [B] [C] [D] [E]

12 [A] [B] [C] [D] [E]

13 [A] [B] [C] [D] [E]

14 [A] [B] [C] [D] [E]

Comprehension

1 [B] [C] [D]

Questions:

1 [A] [B] [C] [D]

2 [A] [B] [C] [D]

3 [A] [B] [C] [D]

4 [A] [B] [C] [D]

5 [A] [B] [C] [D]

6 [A] [B] [C] [D]

7 [A] [B] [C] [D]

8 [A] [B] [C] [D]

9 [A] [B] [C] [D]

10 [A] [B] [C] [D]

Maths 1 — Example:

1 [A] [C] [D] [E]

Questions:

1 [A] [B] [C] [D] [E]

2 [A] [B] [C] [D] [E]

3 [A] [B] [C] [D] [E]

4 [A] [B] [C] [D] [E]

5 [A] [B] [C] [D] [E]

6 [A] [B] [C] [D] [E]

7 [A] [B] [C] [D] [E]

8 [A] [B] [C] [D] [E]

9 [A] [B] [C] [D] [E]

10 [A] [B] [C] [D] [E]

Pictures 1 — Example:

1 [B] [C] [D] [E]

Questions:

1 [A] [B] [C] [D] [E]

2 [A] [B] [C] [D] [E]

3 [A] [B] [C] [D] [E]

4 [A] [B] [C] [D] [E]

5 [A] [B] [C] [D] [E]

6 [A] [B] [C] [D] [E]

7 [A] [B] [C] [D] [E]

8 [A] [B] [C] [D] [E]

9 [A] [B] [C] [D] [E]

10 [A] [B] [C] [D] [E]

Maths 2

Example

0	6
<input checked="" type="checkbox"/>	[0]
[1]	[1]
[2]	[2]
[3]	[3]
[4]	[4]
[5]	[5]
[6]	<input checked="" type="checkbox"/>
[7]	[7]
[8]	[8]
[9]	[9]

Questions:

1	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>
	[0]	[0]		[0]	[0]		[0]	[0]
	[1]	[1]		[1]	[1]		[1]	[1]
	[2]	[2]		[2]	[2]		[2]	[2]
	[3]	[3]		[3]	[3]		[3]	[3]
	[4]	[4]		[4]	[4]		[4]	[4]
	[5]	[5]		[5]	[5]		[5]	[5]
	[6]	[6]		[6]	[6]		[6]	[6]
	[7]	[7]		[7]	[7]		[7]	[7]
	[8]	[8]		[8]	[8]		[8]	[8]
	[9]	[9]		[9]	[9]		[9]	[9]

4	<input type="checkbox"/>	<input type="checkbox"/>	5	<input type="checkbox"/>	<input type="checkbox"/>	6	<input type="checkbox"/>	<input type="checkbox"/>
	[0]	[0]		[0]	[0]		[0]	[0]
	[1]	[1]		[1]	[1]		[1]	[1]
	[2]	[2]		[2]	[2]		[2]	[2]
	[3]	[3]		[3]	[3]		[3]	[3]
	[4]	[4]		[4]	[4]		[4]	[4]
	[5]	[5]		[5]	[5]		[5]	[5]
	[6]	[6]		[6]	[6]		[6]	[6]
	[7]	[7]		[7]	[7]		[7]	[7]
	[8]	[8]		[8]	[8]		[8]	[8]
	[9]	[9]		[9]	[9]		[9]	[9]

Answers Short Booklet 1A

Synonyms

1	D
2	B
3	A
4	A
5	B
6	E
7	D
8	D
9	B
10	B
11	E
12	C
13	B
14	E

Comprehension

1	B
2	C
3	A
4	C
5	D
6	C
7	A
8	B
9	B
10	C

Maths 1

1	D
2	C
3	A
4	D
5	A
6	A
7	C
8	C
9	A
10	B

Maths 2

1	82
2	24
3	42
4	64
5	50
6	80

Pictures 1

1	C
2	B
3	D
4	D
5	E
6	C
7	E
8	C
9	A
10	B