11 PLUS
LEAP

CEM Style 11+ Short Paper

Booklet 1A

Print your name here:	Sign your name here:

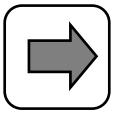
Information about this practice paper:

- 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:



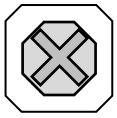
Symbol Description:
Time allowed for each section.



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

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

	A	B	C	D	E
1 **strenuous**	constant	overbearing	timely	vigorous	animated

	A	B	C	D	E
2 **unwilling**	related	reluctant	relaxed	relevant	repentant

	A	B	C	D	E
3 **catastrophe**	disaster	disability	disadvantage	disagreement	disappointment

	A	B	C	D	E
4 **concerning**	about	among	around	above	almost

	A	B	C	D	E
5 **fable**	essay	story	study	adventure	feature

	A	B	C	D	E
6 **intrepid**	faceless	faultless	flawless	feckless	fearless

	A	B	C	D	E
7 **meddled**	interrogated	interpreted	interacted	interfered	intercepted

Synonyms

	A	B	C	D	E
8 **ulterior**	ultimate	further	longer	hidden	yonder

	A	B	C	D	E
9 **overthrow**	deafen	defeat	debate	decide	defend

	A	B	C	D	E
10 **pastime**	history	hobby	hideaway	honesty	hypocrisy

	A	B	C	D	E
11 **amble**	march	stay	hike	step	saunter

	A	B	C	D	E
12 **harass**	distress	inundate	badger	beat	beg

	A	B	C	D	E
13 **bazaar**	strange	market	weird	bargain	trade

	A	B	C	D	E
14 **worthless**	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

UK City of Culture 2017

In 2008, the European Union designated the City of Liverpool to be the European City of Culture for one calendar year. During the year, the city held numerous cultural events and festivals and it was enormously successful. The British government saw how the city's run-down areas had been redeveloped, how events had brought communities together, inspired a young generation and brought huge economic growth. They announced that every four years they would award the title of UK City of Culture for one year to a city in Britain, the award to be given to the city which could best demonstrate the belief in the transformational power of culture. The first city to be awarded the title was Londonderry and it was a huge success and brought many benefits to the city. Many cities made bids to be named as the second UK City of Culture and in June 2013, the shortlist of Dundee, Hull, Leicester and Swansea Bay was announced. In late November 2013, it was announced that Hull had won the award. On 1st January 2017, Hull's City of Culture's events opened with a fireworks display over the Humber Estuary and a series of spectacular sound and light shows. The programme will run until 31 December 2017, with events taking place right across the city. The year will be split into four seasons, with each having something distinctive and intriguing to say about Hull and its place in the world:

SEASON ONE: MADE IN HULL

January opens with a special concert of the Music of John Williams, the composer behind some of the most well known movie music in history, including Star Wars and Indiana Jones.

February will see the city welcome The Prince of Wales and The Duchess of Cornwall for a tour of the city's culture hot-spots. The Royal couple will be shown around Holy Trinity Church, the newly refurbished Ferens Art Gallery and The Deep Aquarium.

March features a powerful performance which commemorates Hull's connection with the late David Bowie. For classical fans there is the Halle Orchestra at the City Hall as well as the opera, Aida, at the same venue. Art includes the a superb exhibition of portraits of famous faces including author JK Rowling at the University of Hull.

SEASON TWO: ROOTS AND ROUTES

It's said Lewis Carroll was inspired to create the character of the White Rabbit after seeing the carving in St Mary's Church at Beverley and it is at Beverley Racecourse where a mystical and magical Alice in Wonderland themed Easter Egg hunt, featuring live theatre and free chocolate eggs for all the kids, as well as a lovely afternoon's horse racing is being staged on Wednesday 19th April.

This year's Radio 1 Big Weekend will take place on Saturday 27th and Sunday 28th May at Burton Constable Hall in Hull. Acts already confirmed to play are Little Mix and Kings of Leon.

In early June, Hull Philharmonic Orchestra's programme features the world premiere of a new work by one of the UK's most popular contemporary composers, Karl Jenkins.

Comprehension

SEASON THREE: FREEDOM

July features 'Freedom Talks', created by the William Wilberforce Institute for Slavery and Emancipation and will explore the legacy of the life and work of one of Hull's most famous sons and also the wider abolitionist movement.

In August, in association with the Tate Gallery, the world-renowned Turner Prize 2017 will be presented in Hull at the Ferens, only the fifth location outside of London to host Europe's most prestigious contemporary art prize since it was established in 1984.

In September, Hull will be hosting its annual marathon, hoping to build on the success and popularity of its first running in 2015. The route will include a city centre start and finish, famous old Humber Bridge crossing, beautiful parks and historic Old Town.

SEASON FOUR: TELL THE WORLD

Oscar-winning director, film and television producer and playwright Anthony Minghella is one of the most famous alumni of the University of Hull. A look back on his life and works will take place at Middleton Hall where former colleagues will chart his academic career as a lecturer through to his first work in television and theatre. There will be script readings and screenings of Minghella's award-winning films including The Talented Mr Ripley and The English Patient.

The climax to Hull's City Of Culture year will be a massive free firework display. The spectacular event will be set to commence at exactly 20:17 and will light up the night sky above the Humber Estuary as people gather in their tens of thousands on the waterside to watch.

1 How often is the UK City of Culture award to be presented?

a) Every year.

b) Biannually.

c) Every four years.

d) Every three years.

---

2 What will be the location for the presentation of this year's most prestigious award for modern art?

a) The Tate Gallery.

b) Ferens Art Gallery.

c) Hull City Hall.

d) Burton Constable Hall.

Comprehension

3 Which was the first city to be awarded the accolade of being the UK City of Culture?

a) Hull.

b) Liverpool.

c) Swansea Bay.

d) Londonderry.

4 On which body of water does the city of Hull stand?

a) The River Tyne.

b) The Humber Estuary.

c) The River Mersey.

d) The River Kingston.

5 Where will the performance of Aida take place?

a) Hull City Hall.

b) Beverly Racecourse.

c) Burton Constable House.

d) The University of Hull.

6 How many marathon races have taken place so far in the city of Hull?

a) None.

b) One.

c) Two.

d) Three.

Comprehension

7 How many acts are so far booked for the pop music festival?

a) None yet confirmed.

b) Two famous bands.

c) Five solo singers.

d) Twenty boy bands.

8 Which church will the future King of England tour when he visits Hull?

a) St. Bartholomew's.

b) All Souls.

c) Christchurch.

d) Holy Trinity Church.

9 What career did Anthony Minghella follow before he broke into film production?

a) He taught in a university.

b) He was an engineer.

c) He sang in a choir.

d) He was a marathon runner.

10 What do you think the letters HPO may stand for?

a) Hull Post Office.

b) Hull Police Organisation.

c) Hull Philharmonic Orchestra.

d) Hull Patent Office.

Maths 1

Instructions

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

Example:

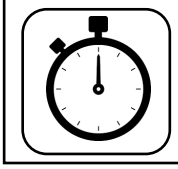
What is 14 + 38?

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 ÷ 50 is 72, what is 3600 ÷ 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	1	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%

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

Instructions

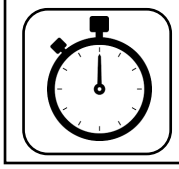
In this section, mark your answer on the coloured answer sheet by filling in the correct number. Look at the examples below.

Example

What is 18 minus 12?

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

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



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

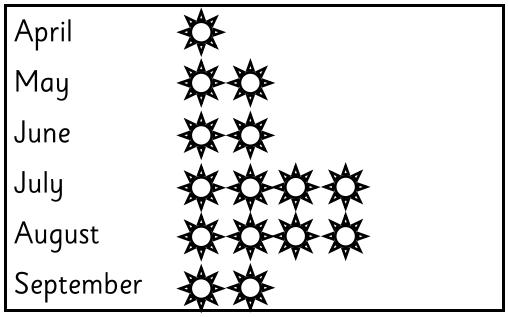
A train leaves London at 10:40 am and arrives at its final destination in Bristol at 12:02pm.

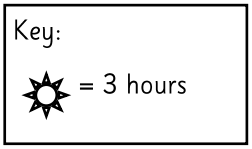
How many minutes has the journey taken?

Mark your answer on the answer sheet.

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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.

---

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.

---

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.

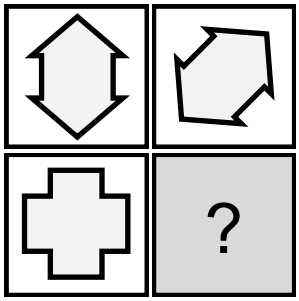
Pictures 1

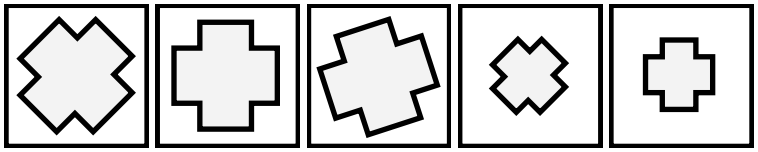
Instructions

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.

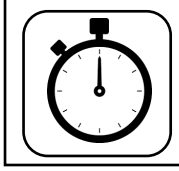
Example:





The answer to example 1 is A.

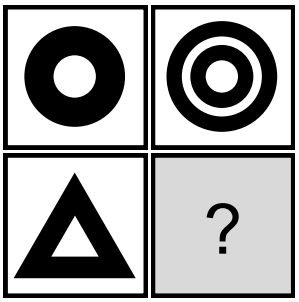
The answer A has been marked for you on your answer sheet.



You have 5 minutes for this section.

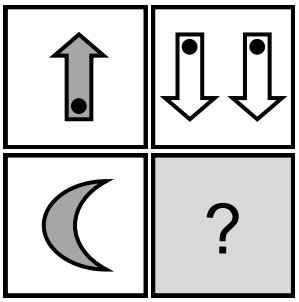
Pictures 1

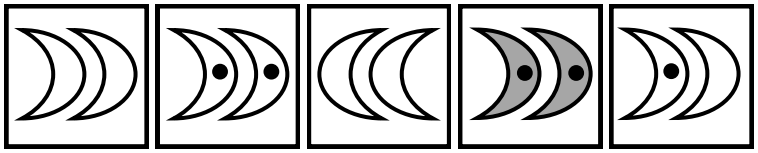
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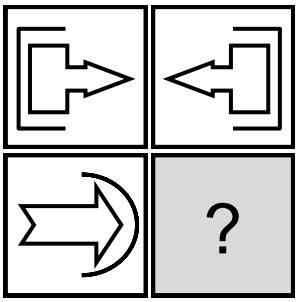


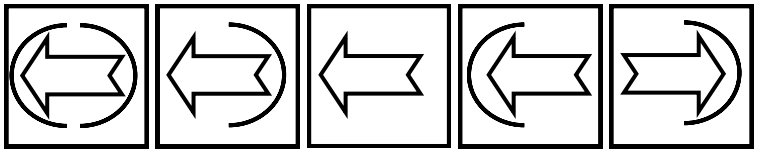
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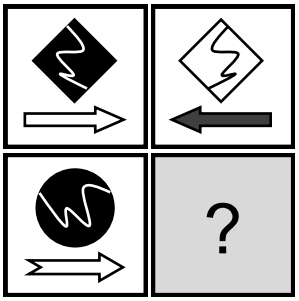


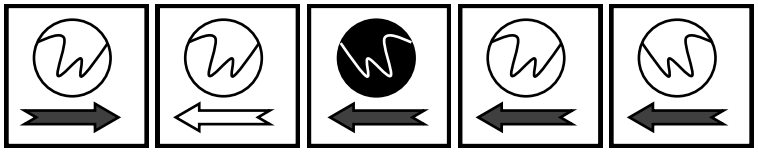
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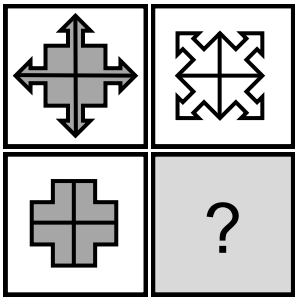


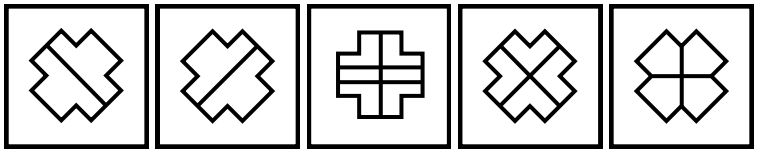
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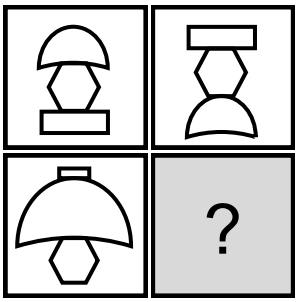
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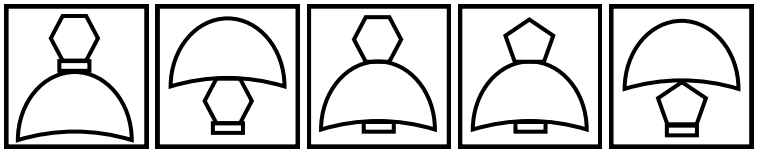




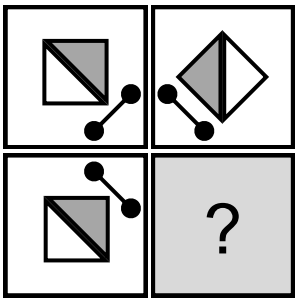
Pictures 1

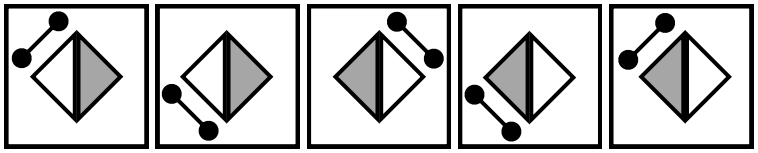
6



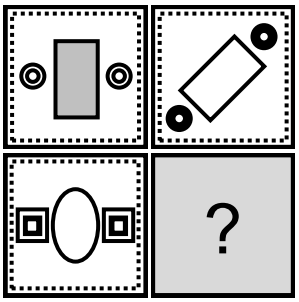


7



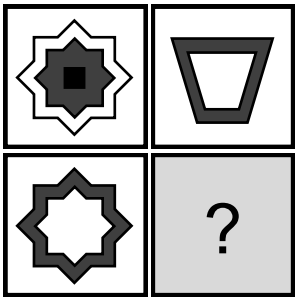


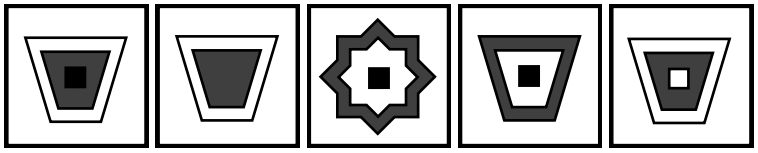
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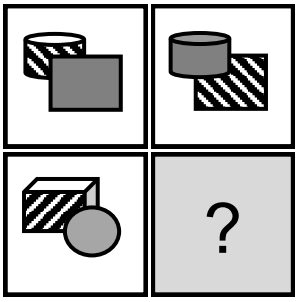


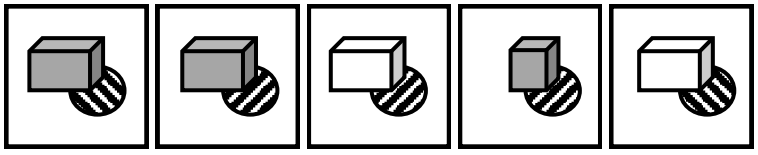
9





10





STOP WORKING. END OF TEST

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: [A]
4. Use an HB pencil and rub out any errors thoroughly.

Please write your name here:

Synonyms — Example:

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

Questions:

1		3		5	
[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]

2		4		6	
[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]

Pictures 1 — Example:

1 [A] [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]

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