

# Contents

About the CEM Test.....	<b>4</b>
Practice Paper 1 .....	<b>5</b>
Practice Paper 2 .....	<b>9</b>
Practice Paper 3 .....	<b>13</b>
Practice Paper 4 .....	<b>17</b>
Practice Paper 5 .....	<b>21</b>
Practice Paper 6 .....	<b>25</b>
Practice Paper 7 .....	<b>29</b>
Practice Paper 8 .....	<b>33</b>
Practice Paper 9 .....	<b>37</b>
Practice Paper 10 .....	<b>41</b>
Practice Paper 11 .....	<b>45</b>
Practice Paper 12 .....	<b>49</b>
Practice Paper 13 .....	<b>53</b>
Answers .....	<b>57</b>
Coverage chart and scores .....	<b>60</b>

# Practice Paper 3



Write the answer to each calculation in the boxes below.

- 1 A coach leaves Cheltenham bus station with 54 passengers on board.  
10 passengers leave the coach when it stops in Oxford and 8 people board the coach.  
12 passengers join the coach at High Wycombe and 8 passengers get off the coach. It then drives to London.

How many passengers are on the coach when it arrives in London?

- 2 Two hundred and forty passengers arrive at the airport for a flight.  
The aeroplane is smaller than expected and only only 80% of the passengers are able to board the flight. The rest have to wait for the next one.

How many passengers have to wait?

- 3 Bridget and Aya have a total of 40 books between them.  
Aya has three times as many books as Bridget.

How many books does Aya have?

- 4 In a survey of 120 people, 30 of them said they preferred to take the bus rather than the train.

If this data was to be shown in a pie chart, how many degrees would represent those people who prefer to take the bus?

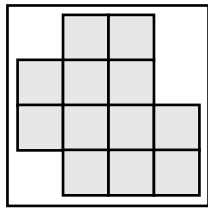
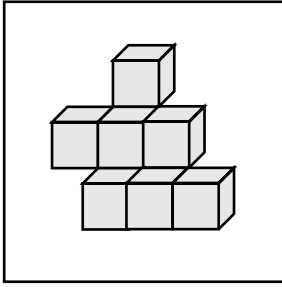
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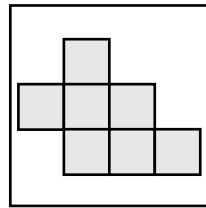


Tick the picture which is a 2D bird's-eye view of the 3D picture from the options A to D.

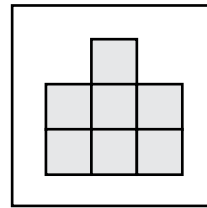
11



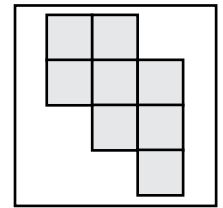
A



B

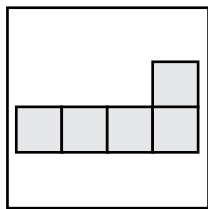
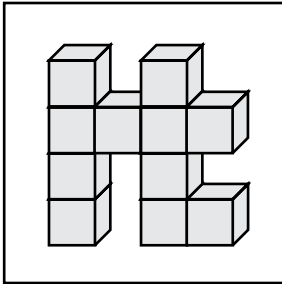


C

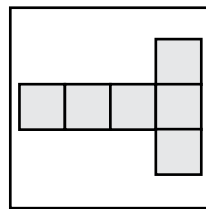


D

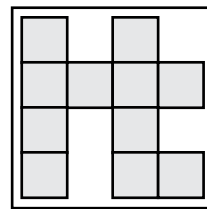
12



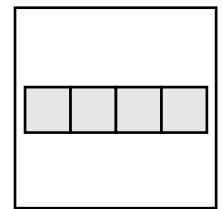
A



B

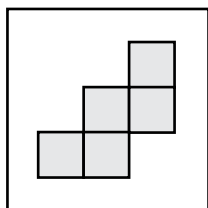
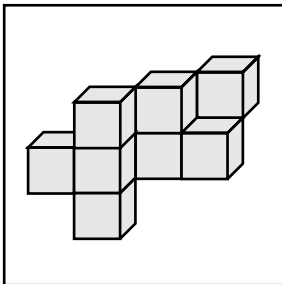


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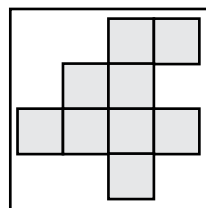


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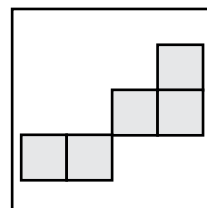
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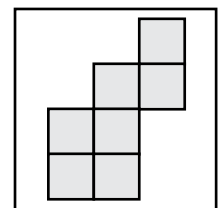
A



B

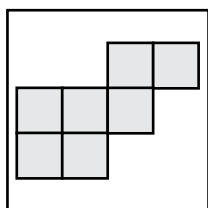
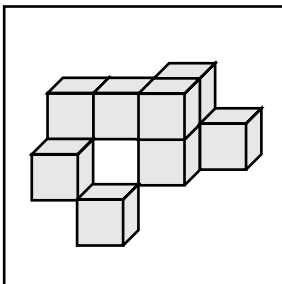


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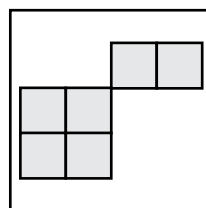


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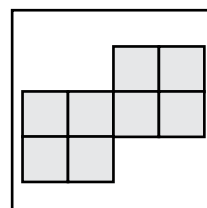
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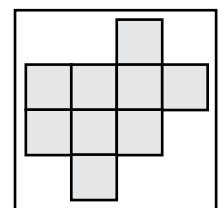
A



B

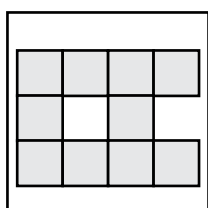
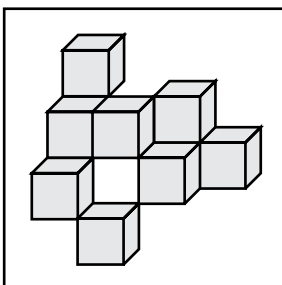


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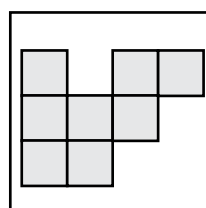


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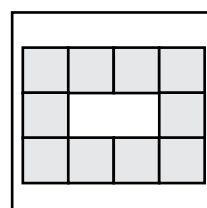
15



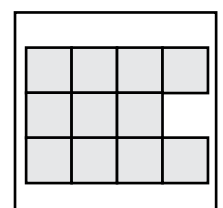
A



B



C



D

/5



Complete the sentences by circling the most appropriate word from the options A to E.

21 Archaeologists glean information about the past by carrying out \_\_\_\_\_, or digs.

A	B	C	D	E
mining	shovelling	excavations	drilling	tunnelling

22 Pharmacists prepare and \_\_\_\_\_ medicines that help people overcome illnesses.

A	B	C	D	E
bequeath	disclose	subscribe	administer	dispense

23 Architects design houses prior to them being \_\_\_\_\_ by builders.

A	B	C	D	E
formulated	constructed	established	organised	demolished

24 Conservationists work to \_\_\_\_\_ animals and the environment.

A	B	C	D	E
watch	assure	keep	protect	shelter

25 Journalists are trained to investigate stories and \_\_\_\_\_ people, often politicians.

A	B	C	D	E
interview	confer	discuss	audition	council

/5



In each question below, the words may be rearranged to form a sentence. One word does not belong in the sentence. Circle the superfluous word from the options A to H.

26 were the porridge menu there breakfast on was

A	B	C	D	E	F	G	H
---	---	---	---	---	---	---	---

27 a fallen were had road tree across the

A	B	C	D	E	F	G	H
---	---	---	---	---	---	---	---

28 only space there left one was none parking

A	B	C	D	E	F	G	H
---	---	---	---	---	---	---	---

29 was all over above scattered the debris field

A	B	C	D	E	F	G	H
---	---	---	---	---	---	---	---

30 train late was minutes twenty after the running

A	B	C	D	E	F	G	H
---	---	---	---	---	---	---	---

/5

# Practice Paper 13



## Komodo Island and Dragons

The island of Komodo is situated 2400km to the north-east of Australia and has a population of slightly over 2000 people. The island is 30 kilometres long and 15 kilometres wide. All the residents of Komodo are descended from convicts who were transported there from other parts of South-East Asia between the years 1752 and 1863. The island has alternating wet and dry seasons. The first four months of the year are the rainy season and for the remaining months of the year, Komodo enjoys a tropical, arid climate, with daytime temperatures rarely dropping below 30 degrees Celsius. Komodo is famous for having one of only seven stunning beaches in the world comprised entirely of pink sand, which makes it a very popular destination for tourists. The crystal-clear waters of the Indonesian Ocean are a magnet for visitors, who flock to the island to enjoy the snorkelling and diving.

5

The island is also notable for its population of Komodo dragon lizards, the largest and heaviest living lizards in the world. The Komodo dragon can weigh up to 70 kilograms and its body can reach up to 3 metres; their tails typically grow to be the same length as their bodies. The dragons prey on birds, rodents and other larger animals, such as wild pigs, goats and water buffalo, but their favourite prey is deer. These huge lizards are capable of consuming 80 per cent of their own body weight in one meal and their metabolism is so slow that Komodo dragons are capable of surviving on as few as a dozen meals annually.

15

An ancient Indonesian folk tale recounts the story of a princess who once lived on Komodo Island. Legend has it that, once upon a time, the princess gave birth to twin sons, a human baby and a lizard baby, who lived together in complete harmony as they grew up. The locals still believe in this legend, and that the immortal princess returns to Komodo once a year to ensure that her many descendants are continuing to live peacefully together. Local residents believe that this is the reason that the dragons – there are the same number of Komodo dragons as humans living on the island – are very rarely hostile towards them.

20

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**Carefully read through the passage above and circle the correct answers below.**

1

What could be the maximum area of the island of Komodo?

A. 90km<sup>2</sup>

C. 260km<sup>2</sup>

B. 350km<sup>2</sup>

D. 450km<sup>2</sup>

2

What would be the maximum amount of food that the largest Komodo dragon could consume in a single feed?

A. 60kg

C. 50kg

B. 56kg

D. 70kg