

Test A Paper 1

Instructions

1. Ensure you have pencils and an eraser with you.
2. Make sure you are able to see a clock or watch.
3. Write your name on the answer sheet.
4. Do not open the question booklet until you are told to do so by the audio instructions.
5. Listen carefully to the audio instructions given.
6. Mark your answers on the answer sheet only.
7. All workings must be completed on a separate piece of paper.
8. You should not use a calculator, dictionary or thesaurus at any point in this paper.
9. Move through the papers as quickly as possible and with care.
10. Follow the instructions at the foot of each page.
11. You should mark your answers with a horizontal line, as shown on the answer sheet.
12. If you want to change your answer, ensure that you rub out your first answer and that your second answer is clearly more visible.
13. You can go back and review any questions that are within the section you are working on only. You must await further instructions before moving on to another section.

Symbols and Phrases used in the Tests

	Instructions		Time allowed for this section		Stop working and await instructions		Continue working
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Comprehension



INSTRUCTIONS



YOU HAVE 9 MINUTES TO COMPLETE THE FOLLOWING SECTION.

YOU HAVE 10 QUESTIONS TO COMPLETE WITHIN THE TIME GIVEN.

EXAMPLES

Comprehension Example

South Africa is becoming an increasingly popular holiday destination. People from all over the world are being attracted by its natural beauty, cosmopolitan cities and diverse wildlife. Cape Town, the capital of South Africa, is especially popular. The city is dynamic and exciting and has a rich history and culture. It is also home to the stunning Table Mountain, which you can ascend on foot or by cable car.

Example 1

Which of the following is not mentioned as a reason why people are attracted to South Africa?

- A** Natural beauty
- B** Excellent food
- C** Cosmopolitan cities
- D** Diverse wildlife

The correct answer is B. This has already been marked in Example 1 in the Comprehension section of your answer sheet.

Practice Question 1

What is the name of the mountain in Cape Town?

- A** Cape Mountain
- B** Africa Mountain
- C** Table Mountain
- D** Leopard Mountain

The correct answer is C. Please mark this in Practice Question 1 in the Comprehension section of your answer sheet.

STOP AND WAIT FOR FURTHER INSTRUCTIONS



Read the passage below and then answer the questions that follow.

An extract from: **The Chocolate Revolution** by *Roald Dahl*

Today, chocolate-guzzling begins when a child is about five and goes on until the guzzler is 12. After which, with the advent of puberty, there is a gradual decline in consumption. Things were different when I was young. I grew up in the 20s and the chocolate revolution had not begun. There were very few delicious chocolate bars to tempt us. That's why sweet shops were called sweet shops and not chocolate shops.

When I was young, there was Cadbury's Bournville and Dairy Milk. There was the Dairy Milk Flake (the only great invention so far) and Whipped Cream Walnut, and there were also four different flavours of chocolate-coated Marshmallow Bar (vanilla, coffee, rose, lemon).

Consequently, we were much more inclined to spend our money on sweets and toffees or on sherbet-suckers, gobstoppers, liquorice bootlaces and aniseed balls – we did not mind that the liquorice was made from rats' blood and the sherbet from sawdust. They were cheap and to us, they tasted good.

Then came the revolution and the entire world of chocolate was suddenly turned upside down in the space of seven glorious years. Here is a summary of what happened.

- 1876: Chocolate was first used by the Spaniards, Italians and French in the early 17th century but only as a drink. Then, in 1876, a Swiss chap called Peters mixed chocolate powder with sugar and condensed milk and made a solid bar. Chocolate as we know it was invented.
- 1905: Cadbury got in on the act and began production of milk bars, starting with Dairy Milk.
- 1920: The first speciality chocolate bar, the Dairy Milk Flake, was invented. This was a milestone, the first time any manufacturer had seriously played with chocolate in their inventing rooms.
- 1928: Cadbury's Fruit and Nut bar popped up on the scene.

From 1930 to 1937 virtually all the great classic chocolate bars were invented and they are still on the best seller list.

- 1930: Fry's invented the Crunchie.
- 1933: Black Magic appeared in boxes and, for some reason, it is still a best seller.
- 1935: The wonderful Aero was introduced.

① According to the author, when does a person's chocolate consumption begin to decline?

- A** Before their tenth birthday
- B** After their fifth birthday
- C** Never
- D** On the arrival of puberty

CONTINUE WORKING



2 Why were shops called 'sweet shops' and not 'chocolate shops'?

- A Because chocolate had not yet been invented
- B Because shops didn't like to sell chocolate
- C Because they sold mainly sweets rather than chocolate
- D Because chocolate was forbidden

3 Which of these types of chocolate is not mentioned by the author?

- A Dairy Milk
- B Whipped Cream Walnut
- C Bounty Bar
- D Marshmallow Bar

4 According to the passage, which of the following did the author spend his money on?

- Option 1: gobstoppers
- Option 2: sherbet-suckers
- Option 3: Skittles
- Option 4: aniseed balls

- A Options 1 and 3 only
- B Options 2 and 4 only
- C Options 1, 2 and 4 only
- D All of the above

5 What does the author suggest that liquorice was made from?

- A Sawdust
- B Black rubber
- C Rats' blood
- D Powdered sugar

6 According to the author, how long did it take to transform the chocolate industry?

- A One year
- B Seven years
- C A decade
- D Twenty years



7 What was chocolate first used for?

- A To make medicine
- B To make drinks
- C To make salty snacks
- D To make walls

8 From which country did the inventor of modern chocolate originate?

- A Switzerland
- B France
- C Spain
- D Italy

9 What does the word 'wonderful' mean?

- A Feeble
- B Destructive
- C Amazing
- D Fortunate

10 In which year was the Fruit and Nut bar invented?

- A 1920
- B 1928
- C 1930
- D 1933

STOP AND WAIT FOR FURTHER INSTRUCTIONS



Shuffled Sentences



INSTRUCTIONS



YOU HAVE 8 MINUTES TO COMPLETE THE FOLLOWING SECTION.

YOU HAVE 15 QUESTIONS TO COMPLETE WITHIN THE TIME GIVEN.

EXAMPLES

Example 1

The following sentence is shuffled and also contains one unnecessary word. Rearrange the sentence correctly in order to identify the unnecessary word.

wake under before must sunrise up we.

A	B	C	D	E
up	before	under	wake	sunrise

The correct answer is C. This has already been marked in Example 1 in the Shuffled Sentences section of your answer sheet.

Practice Question 1

The following sentence is shuffled and also contains one unnecessary word. Rearrange the sentence correctly in order to identify the unnecessary word.

very girl quickly the ran throw.

A	B	C	D	E
quickly	girl	the	ran	throw

The correct answer is E. Please mark this in Practice Question 1 in the Shuffled Sentences section of your answer sheet.

STOP AND WAIT FOR FURTHER INSTRUCTIONS



Each sentence below is shuffled and also contains one unnecessary word.
Rearrange each sentence correctly in order to identify the unnecessary word.

- ① boy eaten the the apple ate.

A	B	C	D	E
boy	the	apple	eaten	ate

- ② years old Sarah eight was ate.

A	B	C	D	E
ate	was	years	eight	old

- ③ sped road flight car along the the.

A	B	C	D	E
road	car	flight	along	sped

- ④ animals crops the grew his farmer.

A	B	C	D	E
crops	animals	his	grew	farmer

- ⑤ lots we timing homework of had.

A	B	C	D	E
had	homework	we	timing	lots

- ⑥ desk lifted was made the of wood.

A	B	C	D	E
desk	lifted	of	wood	made

- ⑦ the most students enjoyed dislike of the course.

A	B	C	D	E
most	course	of	dislike	students



8) made to many mistakes too she.

A	B	C	D	E
made	to	she	mistakes	too

9) gaze the through wind forest the blew.

A	B	C	D	E
forest	blew	the	wind	gaze

10) and Noah family his open friends loved.

A	B	C	D	E
friends	family	and	open	loved

11) quickly boy the young into ran.

A	B	C	D	E
quickly	the	boy	young	into

12) capability inhabitants city's upset were the.

A	B	C	D	E
were	capability	the	inhabitants	upset

13) can prevent exercise illness figure help frequent.

A	B	C	D	E
prevent	illness	exercise	figure	frequent

14) the jury summarised lawyer four the case for the.

A	B	C	D	E
four	jury	case	summarised	lawyer

15) attacked suffer fellow his inmates prisoner the.

A	B	C	D	E
inmates	fellow	attacked	suffer	prisoner

STOP AND WAIT FOR FURTHER INSTRUCTIONS



Numeracy



INSTRUCTIONS



YOU HAVE 6 MINUTES TO COMPLETE THE FOLLOWING SECTION.

YOU HAVE 13 QUESTIONS TO COMPLETE WITHIN THE TIME GIVEN.

EXAMPLES

The questions within this section are not multiple choice. Write the answer to each question on the answer sheet by selecting the correct digits from the columns provided.

Example 1

Calculate the answer to the following:

$$12 + 42$$

The correct answer is 54. This has already been marked in Example 1 in the Numeracy section of your answer sheet.

Practice Question 1

Calculate the answer to the following:

$$55 - 47$$

The correct answer is 8. Please mark this in Practice Question 1 in the Numeracy section of your answer sheet. Note that a single-digit answer should be marked with a 0 in the left-hand column, so mark 08 on your answer sheet.

STOP AND WAIT FOR FURTHER INSTRUCTIONS



① Calculate the answer to the following:

$$17 + 56$$

CONTINUE WORKING



- ② Calculate the answer to the following:
 $120 \div 2$
- ③ Calculate the answer to the following:
 $54 - 7 + 9$
- ④ Calculate the mode of the following data:
5, 7, 43, 12, 5, 12, 19, 21, 5, 6, 54
- ⑤ Which number should replace the '?' in the following sequence?
14, 21, 29, 36, ?, 51
- ⑥ How many minutes are there in $1\frac{1}{6}$ hours?
- ⑦ What is the value of X in this equation?
 $15 + X = 31 - 12$
- ⑧ What is the remainder when 75 is divided by 8?
- ⑨ How many months are there in half a decade?
- ⑩ Which of these is not a multiple of 8?
40, 65, 88, 24, 56
- ⑪ How many different factors does the number 36 have?
- ⑫ I think of a number, multiply it by 2 and then divide it by 3. My answer is 8.
What number did I think of?
- ⑬ What is the mean of these numbers?
12, 18, 10, 4

STOP AND WAIT FOR FURTHER INSTRUCTIONS



Problem Solving



INSTRUCTIONS



YOU HAVE 8 MINUTES TO COMPLETE THE FOLLOWING SECTION.

YOU HAVE 10 QUESTIONS TO COMPLETE WITHIN THE TIME GIVEN.

EXAMPLES

Example 1

Calculate the answer to the following:

Tom buys a chocolate bar for £1.50. He pays with a £5 note.
How much change does he receive?

A £1.50
D £4

B £3
E £5

C £3.50

The correct answer is C. This has already been marked in Example 1 in the Problem Solving section of your answer sheet.

Practice Question 1

Sarah eats $\frac{1}{4}$ of a pizza.

What fraction of the pizza remains?

A $\frac{1}{2}$

B $\frac{1}{3}$

C $\frac{2}{5}$

D $\frac{3}{4}$

E $\frac{5}{6}$

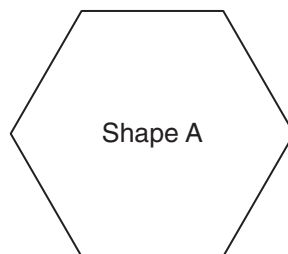
The correct answer is D. Please mark this in Practice Question 1 in the Problem Solving section of your answer sheet.

STOP AND WAIT FOR FURTHER INSTRUCTIONS



Calculate the answers to the following.

- ① Peter leaves home at 10 a.m. and returns at 12:30 p.m.
For how many minutes is Peter away from home?
- A** 120 minutes **B** 90 minutes **C** 180 minutes
D 100 minutes **E** 150 minutes
- ② A man drives a truck at an average speed of 48 kilometres per hour.
What distance does the man cover if he drives for 3 hours?
- A** 148 km **B** 96 km **C** 144 km
D 100 km **E** 150 km
- ③ Sandra collects coins. In June, she collected 45 coins. In July, she collected 66 coins.
In August, she collected 34 coins.
How many coins did she collect in total in June, July and August?
- A** 79 **B** 145 **C** 48
D 142 **E** 100
- ④ There are 44 sweets in a box. Ravi eats one quarter of them.
How many sweets are left in the box?
- A** 44 **B** 0 **C** 22
D 11 **E** 33
- ⑤ Simon buys 2 packets of crisps. Each packet costs 22p. He pays with a £1 coin.
How much change does Simon receive?
- A** £0.22 **B** £0.44 **C** £0.78
D £0.56 **E** £0.88
- ⑥ Shape A is a regular hexagon with a perimeter of 54 cm.
What is the length of one side of Shape A?



Not drawn to scale

- A** 54 cm **B** 12 cm **C** 9 cm
D 6 cm **E** 27 cm



Synonyms



INSTRUCTIONS



YOU HAVE 7 MINUTES TO COMPLETE THE FOLLOWING SECTION.

YOU HAVE 24 QUESTIONS TO COMPLETE WITHIN THE TIME GIVEN.

EXAMPLES

Example 1

Select the word that is most similar in meaning to the following word:

push

A	B	C	D	E
shallow	shove	tug	hollow	cry

The correct answer is B. This has already been marked in Example 1 in the Synonyms section of your answer sheet.

Practice Question 1

Select the word that is most similar in meaning to the following word:

imitate

A	B	C	D	E
cover	copy	grow	live	irritate

The correct answer is B. Please mark this in Practice Question 1 in the Synonyms section of your answer sheet.

STOP AND WAIT FOR FURTHER INSTRUCTIONS



For each row, select the word from the table that is most similar in meaning to the word above the table.

① allow

A	B	C	D	E
forbid	aloud	permit	drive	made

② blank

A	B	C	D	E
blink	preserve	full	admit	empty

③ cunning

A	B	C	D	E
swimming	clever	evil	foolish	cold

④ false

A	B	C	D	E
frozen	falter	feign	untrue	dislike

⑤ glad

A	B	C	D	E
happy	injure	give	upset	grown

⑥ huge

A	B	C	D	E
high	minuscule	undue	mortify	enormous

⑦ loyal

A	B	C	D	E
leave	dishonest	faithful	fortitude	lawn

⑧ rowdy

A	B	C	D	E
timid	fortunate	shrouded	noisy	rouse



9 polite

A	B	C	D	E
politician	holy	rude	aggressive	courteous

10 quick

A	B	C	D	E
sick	slow	lenient	heart	rapid

11 rare

A	B	C	D	E
royal	scarce	mercy	steak	abundant

12 real

A	B	C	D	E
reel	arson	duplicate	genuine	phoney

13 abandon

A	B	C	D	E
alert	home	call	leave	remain

14 rich

A	B	C	D	E
pauper	clothes	wealthy	house	money

15 rude

A	B	C	D	E
gentle	impolite	commerce	prude	argue

16 safe

A	B	C	D	E
sail	protect	dangerous	damage	secure



17 tired

A	B	C	D	E
energetic	tyres	cosy	friendly	drowsy

18 weak

A	B	C	D	E
injury	week	fashion	feeble	powerful

19 answer

A	B	C	D	E
season	ignore	wager	reply	violent

20 behave

A	B	C	D	E
motion	act	admirable	behaviour	play

21 classify

A	B	C	D	E
secret	honour	categorise	spy	social

22 condemn

A	B	C	D	E
praise	help	restrict	criticise	pilot

23 dubious

A	B	C	D	E
singular	doubtful	perfect	double	sure

24 conflict

A	B	C	D	E
harmony	joke	clash	discussion	connive

STOP AND WAIT FOR FURTHER INSTRUCTIONS



Non-Verbal Reasoning



INSTRUCTIONS



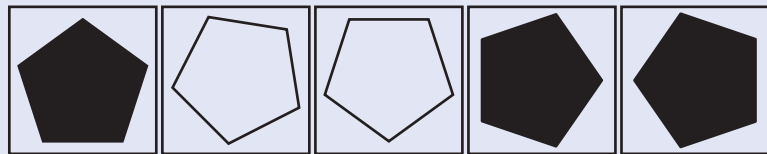
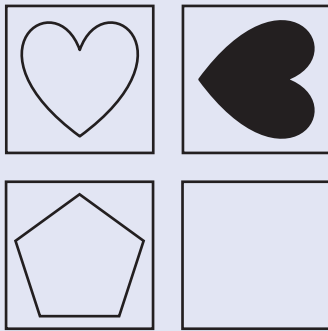
YOU HAVE 7 MINUTES TO COMPLETE THE FOLLOWING SECTION.

YOU HAVE 13 QUESTIONS TO COMPLETE WITHIN THE TIME GIVEN.

EXAMPLES

COMPLETE THE SQUARE Example 1

Which figure on the right should replace the blank square in the pattern?



A

B

C

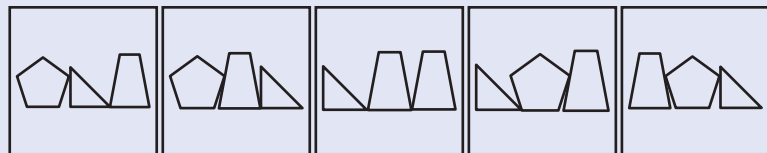
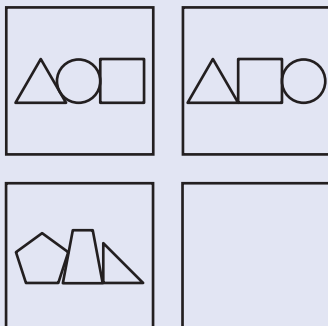
D

E

The correct answer is D. This has already been marked in Example 1 in the Non-Verbal Reasoning section of your answer sheet.

COMPLETE THE SQUARE Practice Question 1

Which figure on the right should replace the blank square in the pattern?



A

B

C

D

E

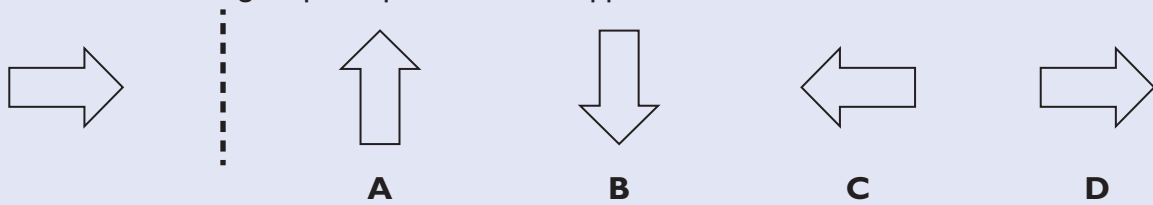
The correct answer is A. Please mark this in Practice Question 1 in the Non-Verbal Reasoning section of your answer sheet.

CONTINUE WORKING



REFLECTION Example 2

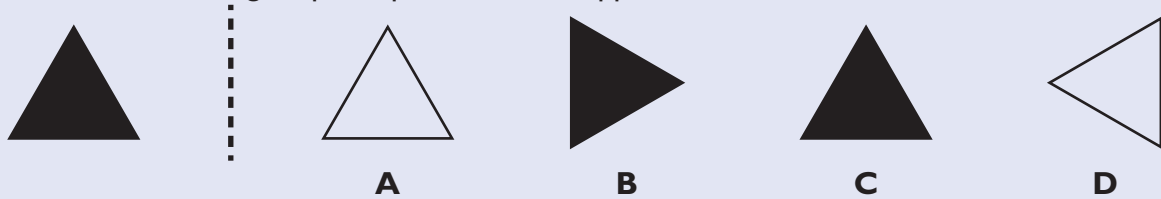
Select how the following shape or pattern would appear when reflected in the dashed line.



The correct answer is C. This has already been marked in Example 2 in the Non-Verbal Reasoning section of your answer sheet.

REFLECTION Practice Question 2

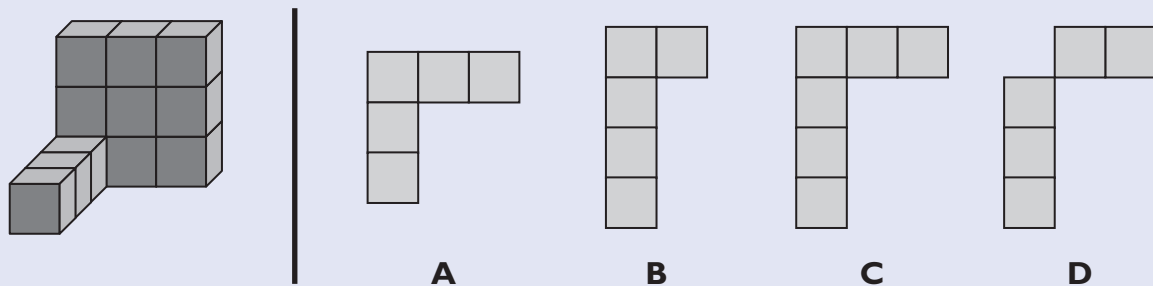
Select how the following shape or pattern would appear when reflected in the dashed line.



The correct answer is C. Please mark this in Practice Question 2 in the Non-Verbal Reasoning section of your answer sheet.

DIMENSION Example 3

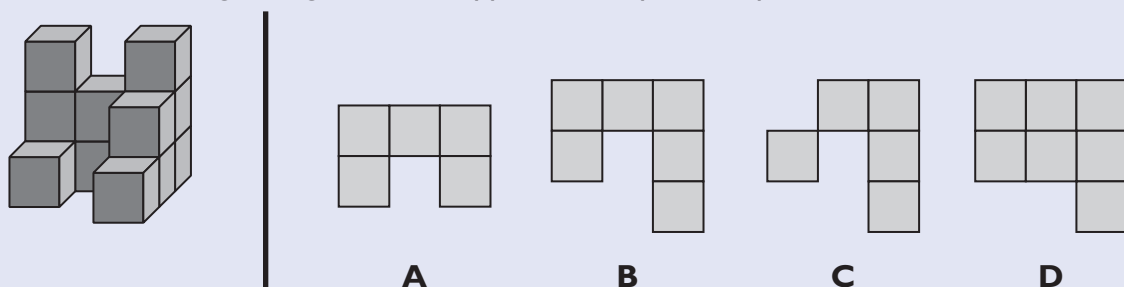
Select how the following 3D figure would appear in a top-down, plan view.



The correct answer is C. This has already been marked in Example 3 in the Non-Verbal Reasoning section of your answer sheet.

DIMENSION Practice Question 3

Select how the following 3D figure would appear in a top-down, plan view.

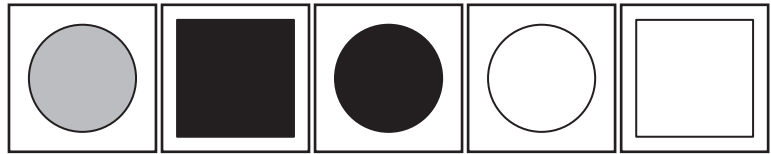
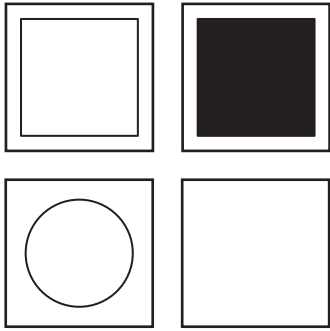


The correct answer is B. Please mark this in Practice Question 3 in the Non-Verbal Reasoning section of your answer sheet.

STOP AND WAIT FOR FURTHER INSTRUCTIONS

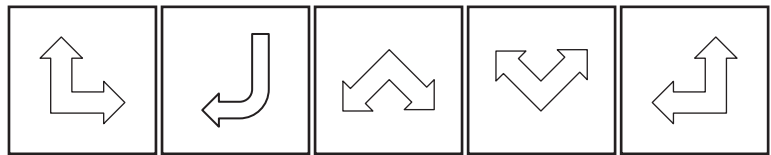
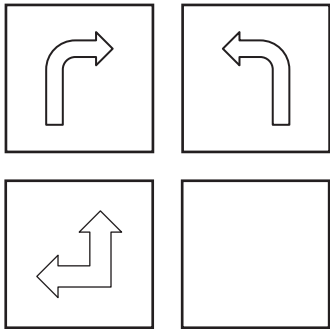


1 Which figure on the right should replace the blank square in the pattern?



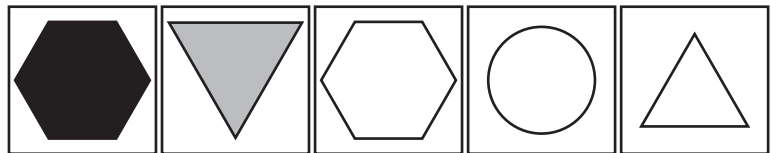
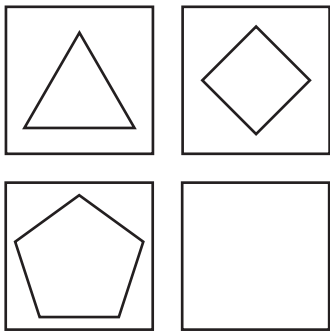
A B C D E

2 Which figure on the right should replace the blank square in the pattern?



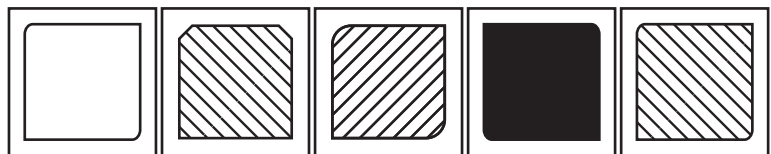
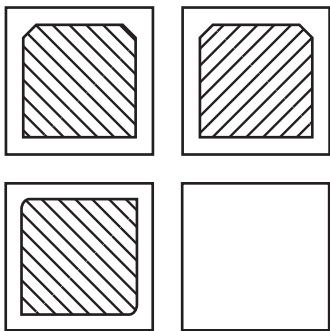
A B C D E

3 Which figure on the right should replace the blank square in the pattern?



A B C D E

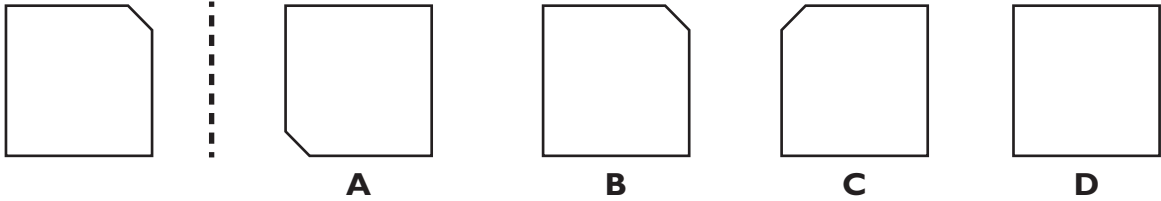
4 Which figure on the right should replace the blank square in the pattern?



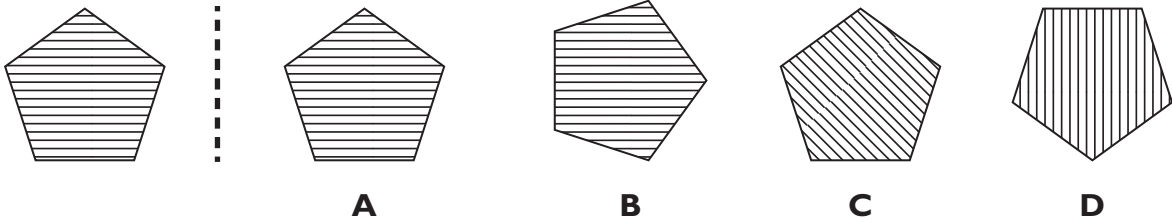
A B C D E



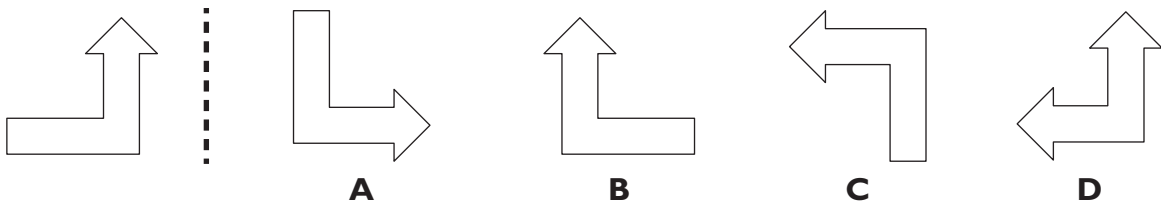
5 Select how the following shape or pattern would appear when reflected in the dashed line.



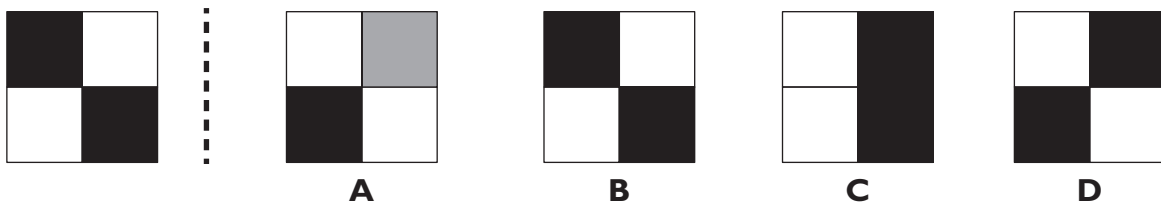
6 Select how the following shape or pattern would appear when reflected in the dashed line.



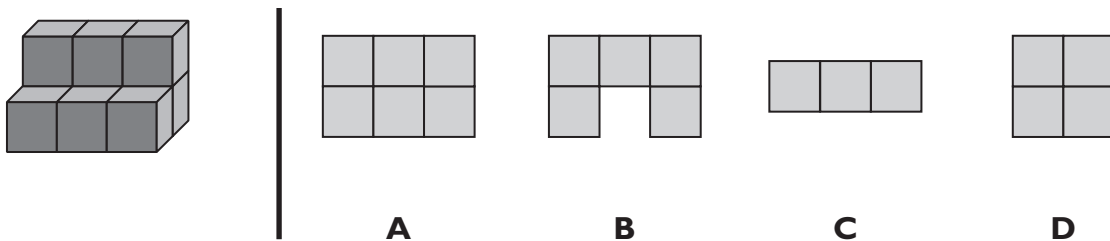
7 Select how the following shape or pattern would appear when reflected in the dashed line.



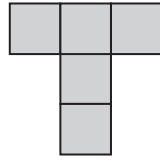
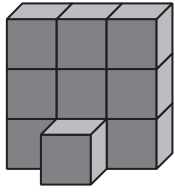
8 Select how the following shape or pattern would appear when reflected in the dashed line.



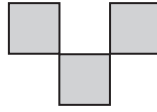
9 Select how the following 3D figure would appear in a top-down, plan view.



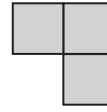
10 Select how the following 3D figure would appear in a top-down, plan view.



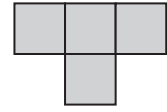
A



B

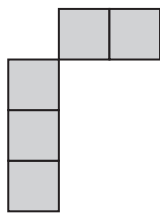
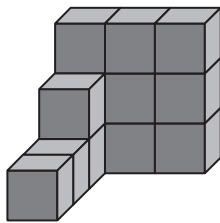


C

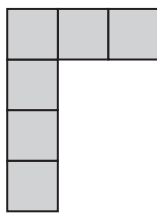


D

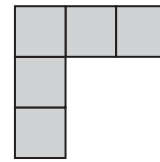
11 Select how the following 3D figure would appear in a top-down, plan view.



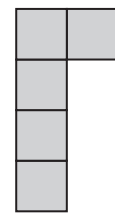
A



B

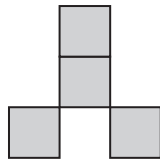
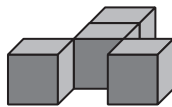


C

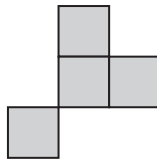


D

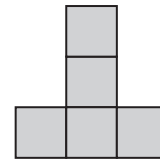
12 Select how the following 3D figure would appear in a top-down, plan view.



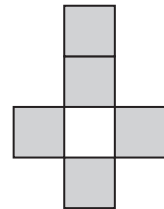
A



B

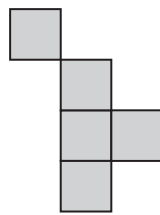
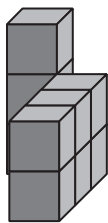


C

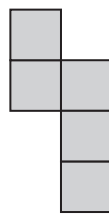


D

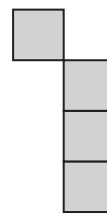
13 Select how the following 3D figure would appear in a top-down, plan view.



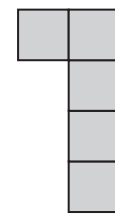
A



B



C



D