

# **GL West Midlands & Warwickshire Test Mock 3 Paper B**



**Paper B**

**Approx. 60 minutes**

**72 marks**

- This paper is divided into smaller, individually-timed sections that test English comprehension, Verbal Reasoning, Mathematics and Non-Verbal / Spatial Reasoning.
- The reasoning sections start with some untimed practice questions.
- All answers should be marked on the separate answer sheet provided.

**Please turn over the page to begin the English Practice Section.**



# English

(15 minutes)

Read this passage carefully and then answer the questions that follow.

## ***Anne of Green Gables* by Lucy Maud Montgomery. Excerpt from Chapter XVIII.**

Minnie May, aged three, was really very sick. She lay on the kitchen sofa feverish and restless, while her hoarse breathing could be heard all over the house. Young Mary Joe, a buxom, broad-faced French girl from the creek, whom Mrs. Barry had engaged to stay with the children during her absence, was helpless and bewildered, quite incapable of thinking what to do, or doing it if she thought of it.

Anne went to work with skill and promptness.

"Minnie May has croup all right; she's pretty bad, but I've seen them worse. First we must have lots of hot water. I declare, Diana, there isn't more than a cupful in the kettle! There, I've filled it up, and, Mary Joe, you may put some wood in the stove. I don't want to hurt your feelings but it seems to me you might have thought of this before if you'd any imagination. Now, I'll undress Minnie May and put her to bed and you try to find some soft flannel cloths, Diana. I'm going to give her a dose of ipecac first of all."

Minnie May did not take kindly to the ipecac but Anne had not brought up three pairs of twins for nothing. Down that ipecac went, not only once, but many times during the long, anxious night when the two little girls worked patiently over the suffering Minnie May, and Young Mary Joe, honestly anxious to do all she could, kept up a roaring fire and heated more water than would have been needed for a hospital of croupy babies.

It was three o'clock when Matthew came with a doctor, for he had been obliged to go all the way to Spencervale for one. But the pressing need for assistance was past. Minnie May was much better and was sleeping soundly.

"I was awfully near giving up in despair," explained Anne. "She got worse and worse until she was sicker than ever the Hammond twins were, even the last pair. I actually thought she was going to choke to death. I gave her every drop of ipecac in that bottle and when the last dose went down I said to myself—not to Diana or Young Mary Joe, because I didn't want to worry them any more than they were worried, but I had to say it to myself just to relieve my feelings—'This is the last lingering hope and I fear, tis a vain one.' But in about three minutes she coughed up the phlegm and began to get better right away. You must just imagine my relief, doctor, because I can't express it in words. You know there are some things that cannot be expressed in words."

"Yes, I know," nodded the doctor. He looked at Anne as if he were thinking some things about her that couldn't be expressed in words. Later on, however, he expressed them to Mr. and Mrs. Barry.

"That little redheaded girl they have over at Cuthbert's is as smart as they make 'em. I tell you she saved that baby's life, for it would have been too late by the time I got there.

35 She seems to have a skill and presence of mind perfectly wonderful in a child of her age. I never saw anything like the eyes of her when she was explaining the case to me."

**Answer these questions. Look at the passage again if you need to. You should choose the best answer and mark its letter on your answer sheet.**

**1** In line 2, Minnie's breathing is described as '**hoarse**'. What does that mean?

- A It sounds like she is neighing.
- B Her breathing is husky and rough.
- C She is talking.
- D It is the standard way of breathing.
- E She is breathing softly and slowly.

**2** Why was Minnie May very sick?

- A She had a cold.
- B She had croup.
- C She was teething.
- D She had pneumonia.
- E She fell and hit her head.

**3** How is Mary Joe described in the passage?

- A Calm and capable
- B Nervous but resourceful
- C Cheerful and knowledgeable
- D Feeble and confused
- E Strict and demanding

- 4** What is Anne's first reaction when she sees there is little hot water?
- A She cries out in panic.
  - B She asks Mary Joe to boil more.
  - C She scolds Diana.
  - D She fills the kettle herself.
  - E She runs outside for help.
- 5** What medicine did Anne give to Minnie May?
- A aspirin
  - B cough syrup
  - C ipecac
  - D penicillin
  - E castor oil
- 6** What quality of Anne is most evident when she cares for Minnie May?
- A courage
  - B intelligence
  - C imagination
  - D curiosity
  - E humour

- 7 What does the phrase, “**every drop of ipecac in that bottle**” suggest? (Line 23)
- A Anne was careless with the dosage.
  - B Anne was desperate to help.
  - C Anne did not know how to use it.
  - D There was too much medicine.
  - E The bottle was newly opened.
- 8 How does Anne cope with her feelings during the emergency?
- A By asking for help from adults.
  - B By imagining a different situation.
  - C By keeping calm and talking to herself.
  - D By sitting silently and ignoring the baby.
  - E By crying in the corner of the room.
- 9 What does the doctor think of Anne after meeting her?
- A She is a friendly and amusing child.
  - B She is imaginative but irresponsible.
  - C She is shy and humble.
  - D She is exceptionally capable and intelligent.
  - E She talks too much and hadn't helped.

- 10** In line 16, what does the phrase 'roaring fire' most likely mean in this context?
- A The fire was dangerous and spreading around the house.
  - B The fire made a loud noise.
  - C The fire was burning strongly and steadily.
  - D The fire was magical.
  - E The fire was uncontrollable.
- 11** Why was Matthew late in arriving with the doctor?
- A He had to travel to Spencervale.
  - B He couldn't find the doctor.
  - C He got lost.
  - D He forgot where he was going.
  - E He went the wrong way.
- 12** Which best describes Anne's leadership style in the crisis?
- A Quiet and reserved
  - B Uncertain and slow
  - C Controlling and angry
  - D Shy but clever
  - E Bold and assertive

- 13 What message does this passage send to the reader?
- A Adults are unreliable in emergencies.
  - B Doctors are always late.
  - C Children can be capable and heroic.
  - D Medicines always work quickly.
  - E Fireplaces are dangerous.
- 14 In line 6, what would a suitable antonym for the word '**promptness**' be?
- A sluggishness
  - B swiftness
  - C numbness
  - D nimbleness
  - E alertness
- 15 Why does the author most likely include the doctor's comment that Anne had '**a skill and presence of mind perfectly wonderful in a child of her age**'? (Line 35)
- A To suggest that the doctor did not really believe Anne had helped.
  - B To confirm how impressive Anne's actions truly were.
  - C To show that doctors in that era were easily impressed.
  - D To hint that the doctor planned to hire Anne as an assistant.
  - E To explain why Mary Joe should not be trusted with children again.

**END OF ENGLISH SECTION.**  
**DO NOT TURN OVER UNTIL YOU ARE TOLD TO DO SO.**

# Verbal Reasoning Practice Section

(Untimed)

This practice section gives an example of the sort of questions you will be faced with in this test, with the correct answer filled in on the answer sheet so that you can see how to do it.

There are also some practice questions that don't have the answers filled in, so that you can practise working them out for yourself and filling in the answer sheet.

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In each question, there are three pairs of words. Complete the third pair so they have the same connection as the first two pairs. **Mark your answer on the answer sheet.**

## A Example

(chatty, cat)    (planet, pan)    (shears, \_\_\_\_\_)

A. sea                      B. ash                      C. rash                      D. her                      E. she

## 1 Practice

(training, rain)    (grinding, rind)    (bringing, \_\_\_\_\_)

A. grin                      B. rig                      C. ring                      D. bring                      E. brig

## 2 Practice

(flanked, led)    (blanket, let)    (cranked, \_\_\_\_\_)

A. red                      B. ran                      C. can                      D. end                      E. crane

In each question, there are two pairs of words. You must select a word from the options below that will go equally well with both pairs. **Mark your answer on the answer sheet.**

**B Example**

(festival, carnival)

(just, reasonable)

A. equal

B. honest

C. proper

D. fair

E. balanced

**3 Practice**

(dismiss, remove)

(shoot, launch)

A. fire

B. reject

C. ignite

D. spark

E. release

**4 Practice**

(skill, talent)

(present, donation)

A. ability

B. reward

C. offering

D. endowment

E. gift

## **END OF PRACTICE SECTION**

**The Verbal Reasoning test begins on the next page.**

- **You have 10 minutes to complete the Verbal Reasoning test.**
- **There are 18 questions to answer.**
- **Your time will start when you turn over the page.**
- **Do not turn over the page until you are told to do so.**

## Verbal Reasoning

(10 minutes)

In each question, there are three pairs of words. Complete the third pair so they have the same connection as the first two pairs. **Mark your answer on the answer sheet.**

1 (cattle, ate) (throat, hot) (attire, \_\_\_\_\_)

A. tie                      B. tea                      C. art                      D. rat                      E. tar

2 (chamber, cab) (channel, can) (chapter, \_\_\_\_\_)

A. cap                      B. hat                      C. cat                      D. art                      E. ate

3 (dominate, one) (computer, our) (hospital, \_\_\_\_\_)

A. his                      B. lit                      C. sat                      D. oil                      E. pit

4 (footage, foe) (freckle, fee) (flatter, \_\_\_\_\_)

A. ate                      B. art                      C. fat                      D. let                      E. far

5 (address, adds) (bandage, bang) (ballads, \_\_\_\_\_)

A. bold                      B. bald                      C. ball                      D. balm                      E. band

6 (ancient, cent) (backlog, clog) (airfare, \_\_\_\_\_)

A. bare                      B. hare                      C. rare                      D. fare                      E. fair

7 (husband, hand) (setback, sack) (pendant, \_\_\_\_\_)

A. pact                      B. want                      C. pant                      D. pent                      E. ant

8 (awards, wars) (boards, oars) (blends, \_\_\_\_\_)

A. lens

B. lets

C. tens

D. lend

E. send

In each question, there are two pairs of words. You must select a word from the options below that will go equally well with both pairs. **Mark your answer on the answer sheet.**

- 9** (tournament, contest) (equal, correspond)
- A. rival      B. balance      C. pair      D. match      E. same
- 10** (mistake, error) (blame, responsibility)
- A. defect      B. fault      C. apology      D. offence      E. accident
- 11** (support, assist) (help, relief)
- A. service      B. aid      C. favour      D. guidance      E. rescue
- 12** (border, edge) (advantage, benefit)
- A. margin      B. boundary      C. profit      D. outline      E. side
- 13** (observe, watch) (guard, protect)
- A. defend      B. inspect      C. supervise      D. patrol      E. monitor
- 14** (rapid, brisk) (abstain, diet)
- A. quick      B. speed      C. race      D. swift      E. fast
- 15** (summon, beckon) (telephone, ring)
- A. contact      B. call      C. signal      D. request      E. announce

- 16 (observe, monitor) (clock, timepiece)
- A. inspect      B. watch      C. supervise      D. glance      E. survey

- 17 Priya, Marcus, Zoe and Theo have been given their scores in a spelling test. Marcus scored twice as many points as Zoe. Priya scored 5 points more than Marcus. Theo scored 16 points, which was 4 more than Marcus.

**Which statement is true?**

- A. Zoe scored 8 points.
- B. Marcus and Zoe scored 20 points between them.
- C. Priya scored the most points.
- D. Theo scored 3 more points than Priya.
- E. Zoe scored 5 fewer points than Theo.
- 18 Read the statements below and then choose one option that must be true.

**A whale is a mammal. All mammals breathe air.**

- A. Whales can fly.
- B. Whales breathe air.
- C. All animals are mammals.
- D. Mammals live only in water.
- E. All sea creatures are mammals.

**END OF VERBAL REASONING SECTION.  
DO NOT TURN OVER UNTIL YOU ARE TOLD TO DO SO.**

**Maths**  
**(15 minutes)**

**Work out the correct answer and mark its letter on your answer sheet.**

- 1** A cinema has 24 rows. The first 8 rows each have 15 seats. The remaining rows each have 18 seats. How many seats are there in total?
- A** 408                      **B** 420                      **C** 288                      **D** 312                      **E** 432
- 2** What is the value of  $k$  in:  $5k^2 = 125$ ?
- A** 3                      **B** 4                      **C** 5                      **D** 6                      **E** 25
- 3** A shop reduces a jacket priced at £85 by 35%. A week later the reduced price is increased by 20%. What is the final price?
- A** £62.40                      **B** £55.25                      **C** £66.30                      **D** £63.75                      **E** £68.00
- 4**  $5^2 + 2^3 + 3 = x^2$
- What is the value of  $x$ ?
- A** 5                      **B** 6                      **C** 7                      **D** 8                      **E** 9
- 5** Three friends buy lunch. Kim spends £2 more than Lena. Tom spends twice as much as Lena. Together they spend £22. How much does Kim spend?
- A** £5                      **B** £6                      **C** £7                      **D** £8                      **E** £9

- 6 Three water bottles have different capacities. Each bottle is a different price.



Which bottle has the lowest capacity per pound (£)?

- A Bottle X      B Bottle Y      C Bottle Z      D Both X and Z      E Both Y and Z

- 7 A computer program carries out the following steps:

If (old) number < 150, then (new) number = (old) number  $\times$  2  
Print (new) number (on the screen)  
Repeat the calculation steps

When the program repeats, the (new) number becomes the (old) number for the next cycle.

**If Priya inputs the (old) number 17, what is the 3rd number she will see on the screen?**

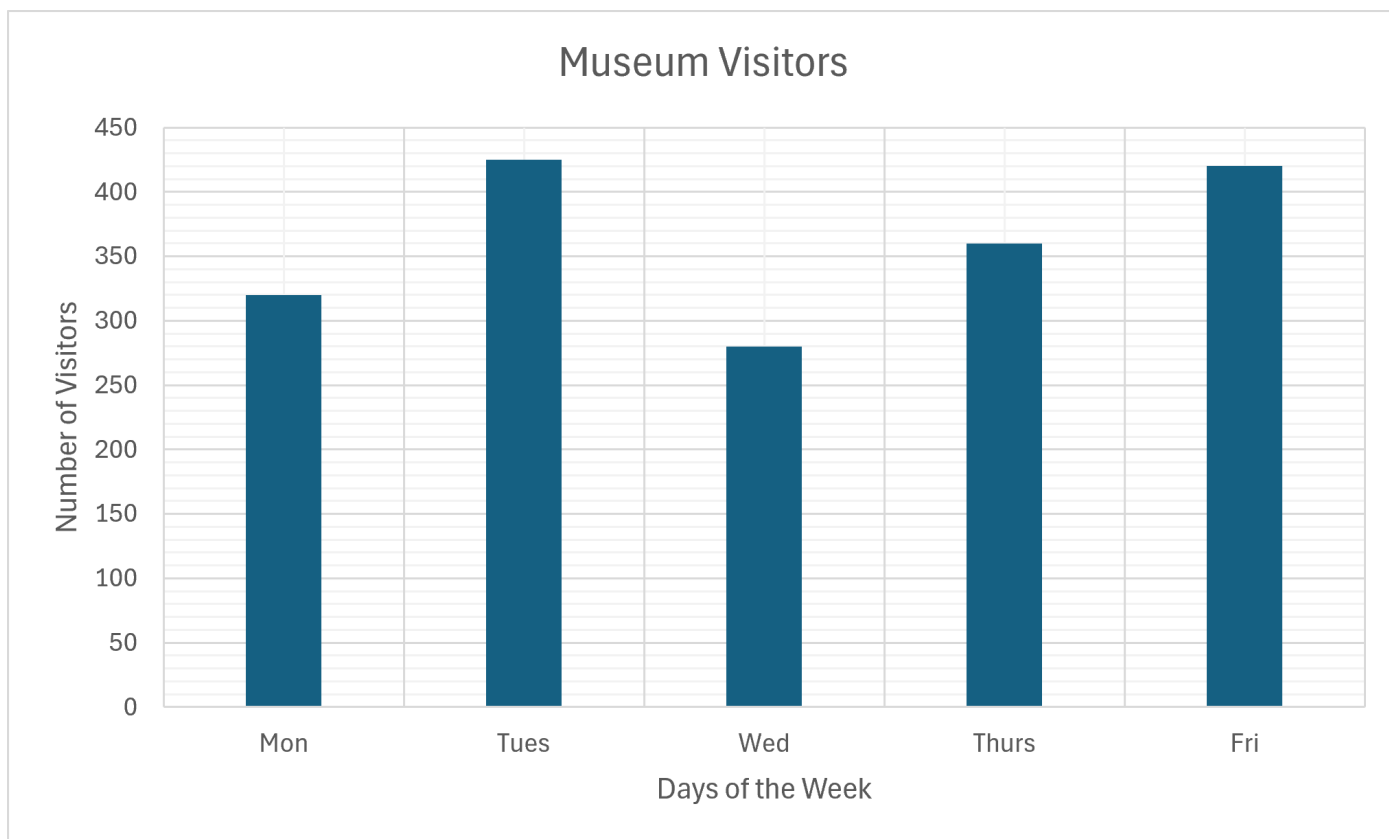
- A 34      B 119      C 272      D 68      E 136

- 8 A square has a perimeter of 52cm. What is its area?

- A  $136\text{cm}^2$       B  $144\text{cm}^2$       C  $156\text{cm}^2$       D  $169\text{cm}^2$       E  $196\text{cm}^2$

The graph below shows the number of visitors to a museum over five days.

Use the graph to answer questions 9–11.



**9** How many more visitors went to the museum on Friday than on Wednesday?

- A** 190      **B** 210      **C** 160      **D** 220      **E** 140

**10** What is the mean number of daily visitors?

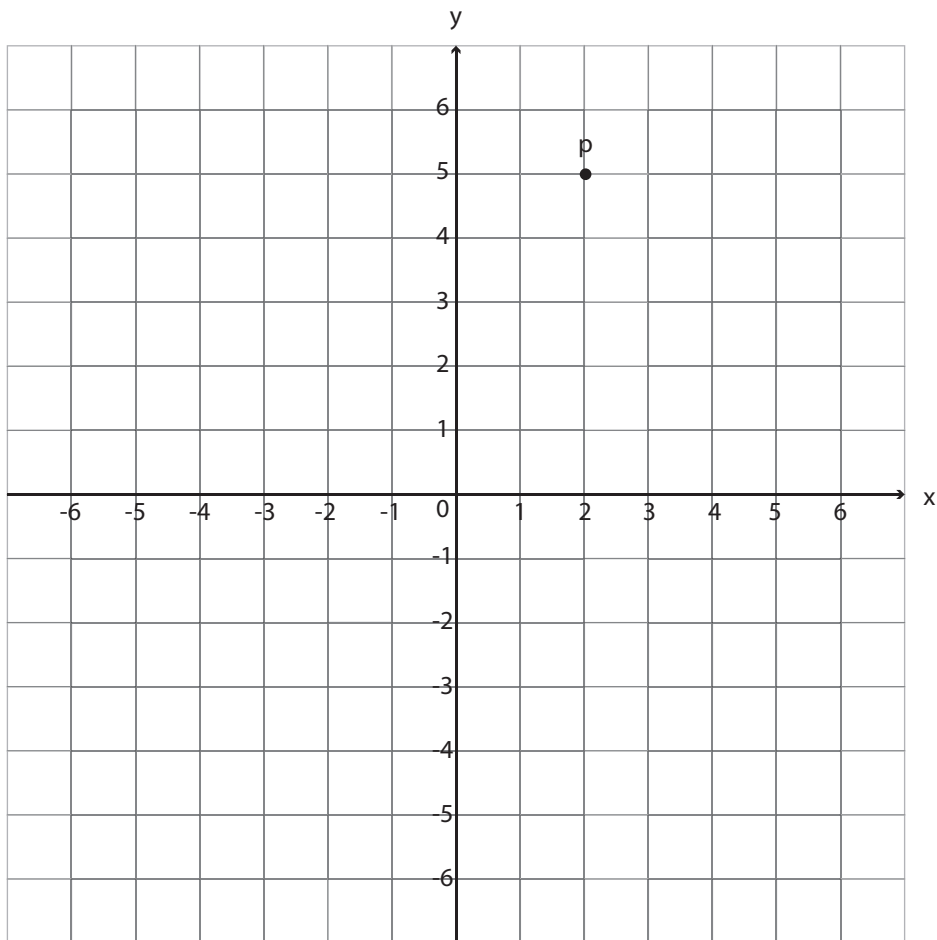
- A** 375      **B** 383      **C** 361      **D** 363      **E** 353

**11** What is the range of the number of daily visitors?

- A** 195      **B** 214      **C** 120      **D** 145      **E** 136

- 12** Point P is at coordinates (2,5). It is reflected in the y-axis.

What are the new coordinates?



- A** (-2, 5)      **B** (2, -5)      **C** (-2, -5)      **D** (5, 2)      **E** (-5, 2)
- 13** How many different ways can 4 students be arranged in a line of 4 seats?
- A** 8      **B** 16      **C** 24      **D** 48      **E** 64
- 14** A jar contains red and yellow marbles. The probability of picking a red marble is  $\frac{3}{8}$ . There are 25 yellow marbles. How many marbles are in the jar altogether?
- A** 38      **B** 40      **C** 42      **D** 44      **E** 48

15  $\frac{27}{45} = \frac{\square}{15}$

What number must go in the box to make the fractions equivalent?

**A** 3

**B** 5

**C** 7

**D** 9

**E** 12

**END OF MATHEMATICS SECTION.  
DO NOT TURN OVER UNTIL YOU ARE TOLD TO DO SO.**

# Non-Verbal Reasoning Subtest 1

## Practice Section

(Untimed)

This practice section gives an example of the sort of question you will be faced with in Non-Verbal Reasoning Subtest 3, with the correct answer filled in on the answer sheet so that you can see how to do it.

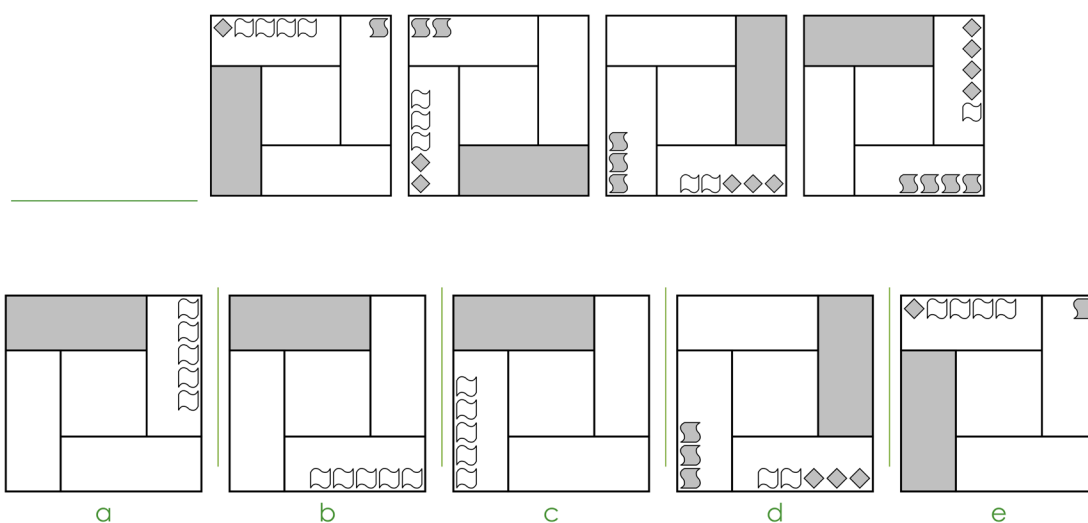
There are also two practice questions that don't have the answers filled in, so that you can practise working them out for yourself and filling in the answer sheet.

In these questions, there is an incomplete series. You are shown four figures, with one missing figure. The position of the missing figure may vary between questions.

You must choose the missing figure that will complete the series in the best way from the five possible answer figures.

Choose the correct figure and mark it on your answer sheet.

### A Example

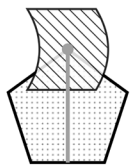
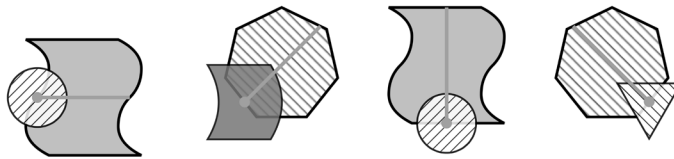


The answer is **a**. In this series, multiple things are changing. The large grey rectangle inside the square moves around the corners in an anticlockwise direction. Secondly, the position of the grey flags also moves round in an anticlockwise direction and they increase in number by one each time. The number of grey diamonds also increases by one each time. The white flag shapes decrease by one each time.

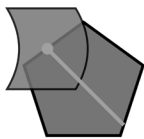
Now try the practice questions and mark your answers on the answer sheet.

## 1 Practice

Choose the figure that completes the series.



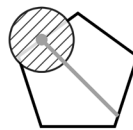
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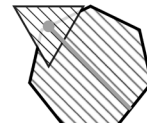
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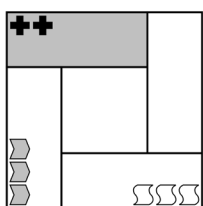
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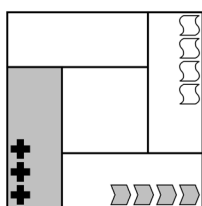
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## 2 Practice

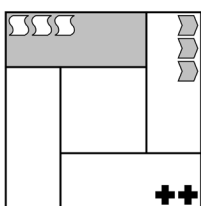
Choose the figure that completes the series.



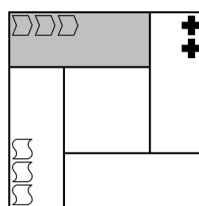
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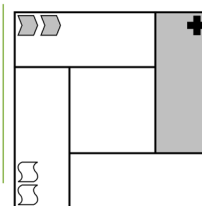
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c



d



e

## END OF PRACTICE SECTION

Non-Verbal Reasoning Subtest 1 begins on the next page.

- You have 4 minutes to complete Non-Verbal Reasoning Subtest 1.
- There are 8 questions in this subtest.
- Your time will start when you turn over the page.
- Do not turn over the page until you are told to do so.

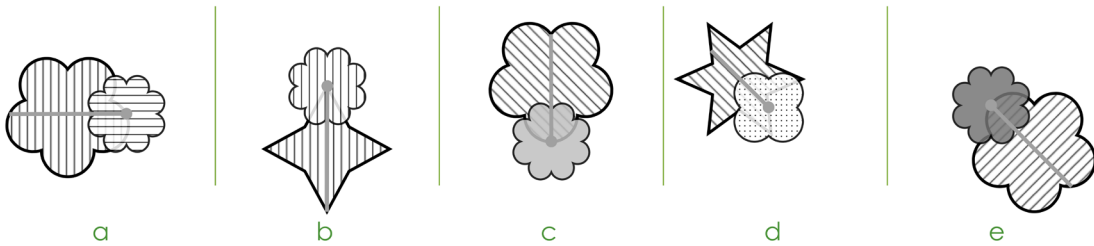
# Non-Verbal Reasoning Subtest 1

(4 minutes)

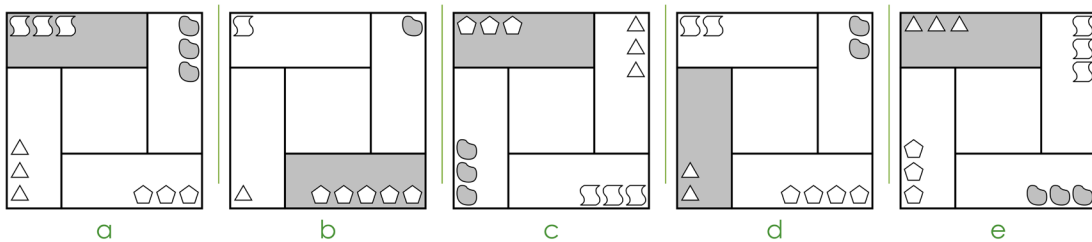
Work out the correct answer and mark its letter on your answer sheet.

Choose the figure that completes the series.

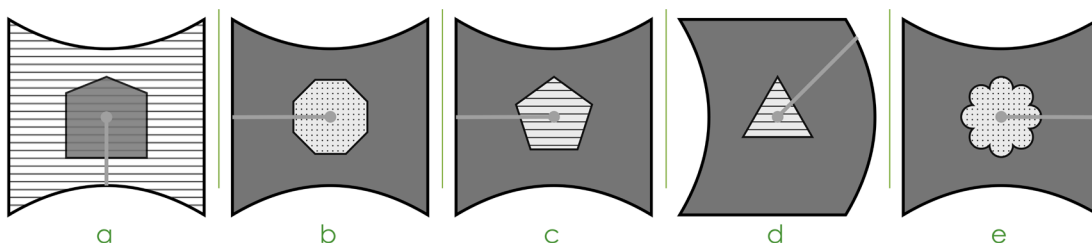
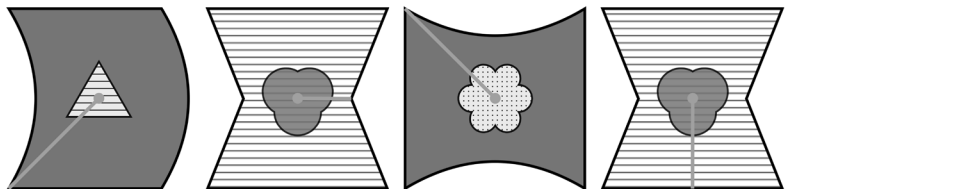
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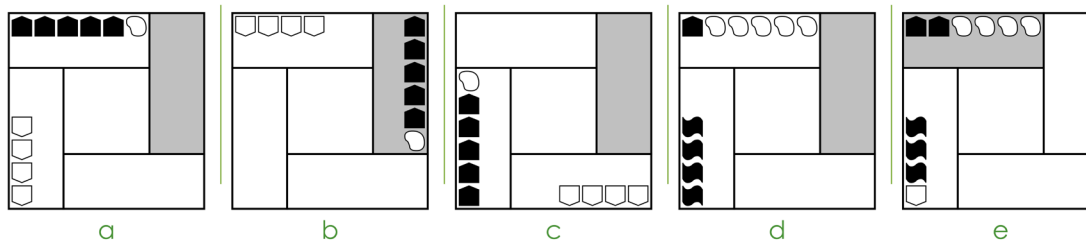
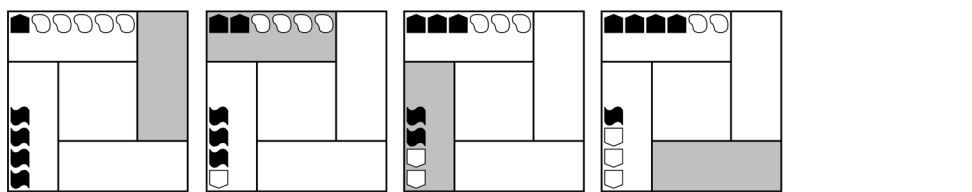
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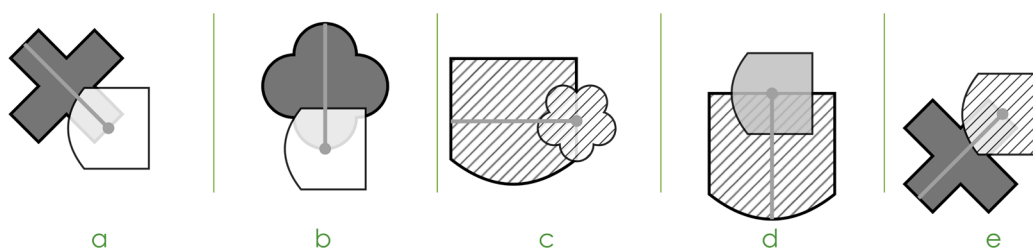
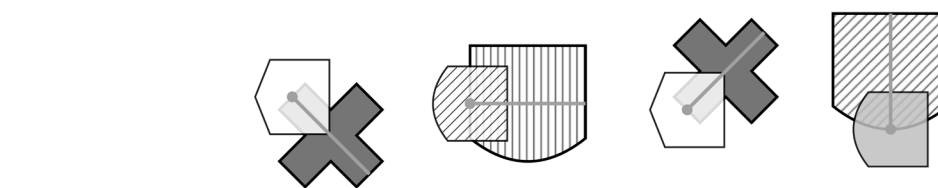
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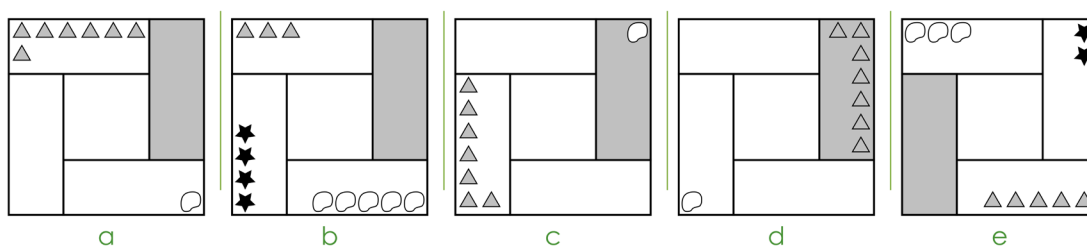
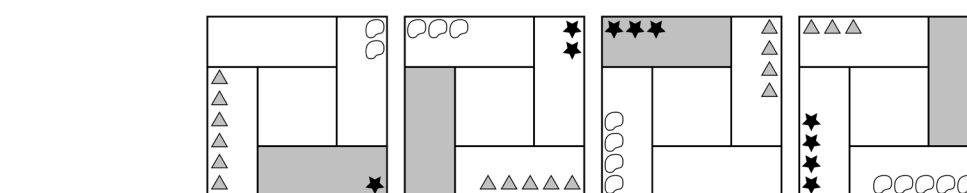
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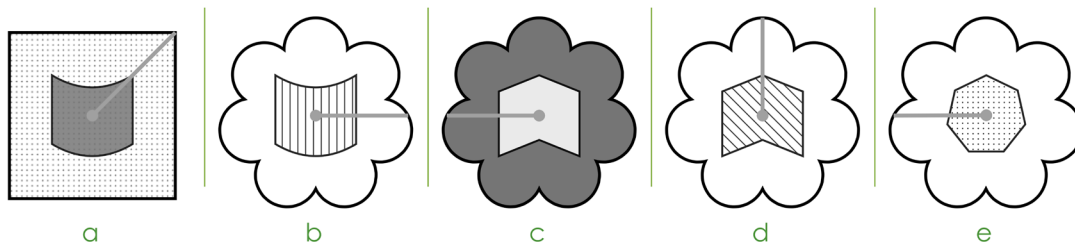
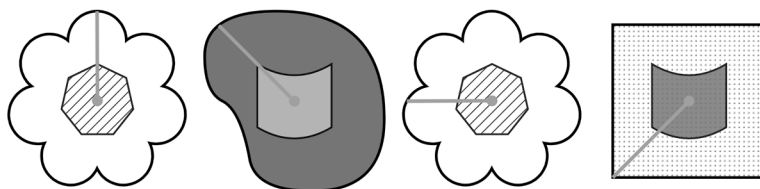
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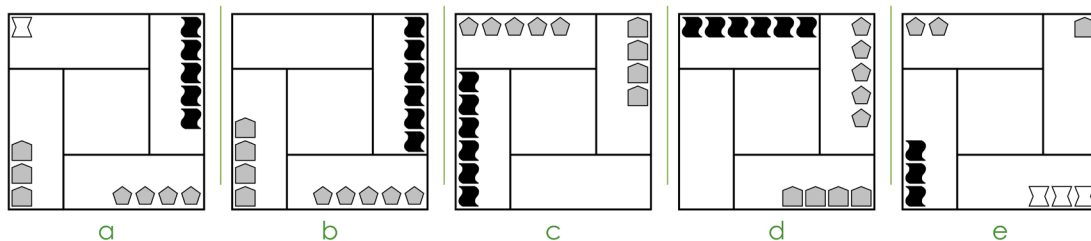
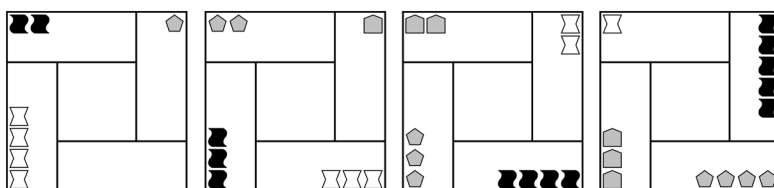
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7



8



END OF NON-VERBAL REASONING SUBTEST 1.  
DO NOT TURN OVER THE PAGE UNTIL YOU ARE TOLD TO DO SO.

# Non-Verbal Reasoning Subtest 2 Practice

(untimed)

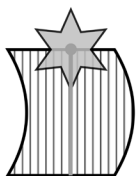
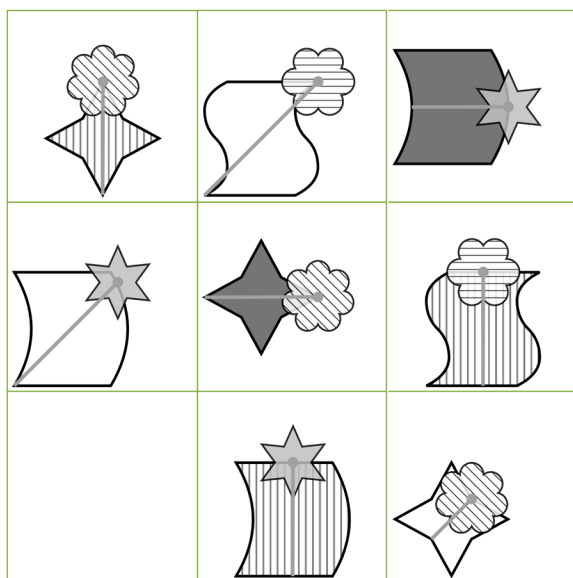
This practice section gives an example of the sort of questions you will be faced with in this test, with the correct answer filled in on the answer sheet so that you can see how to do it.

There are also some practice questions that don't have the answers filled in, so that you can practise working them out for yourself and filling in the answer sheet.

In these questions, one of the small squares in the matrix has been left empty. One of the five figures underneath should fill the empty square.

Choose the correct figure and mark it on your answer sheet.

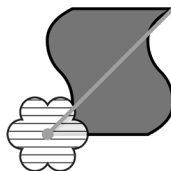
## A Example



a



b



c



d

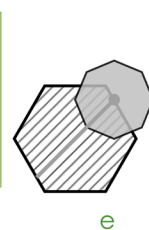
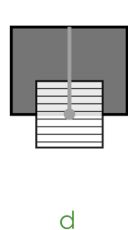
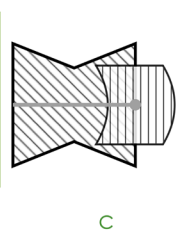
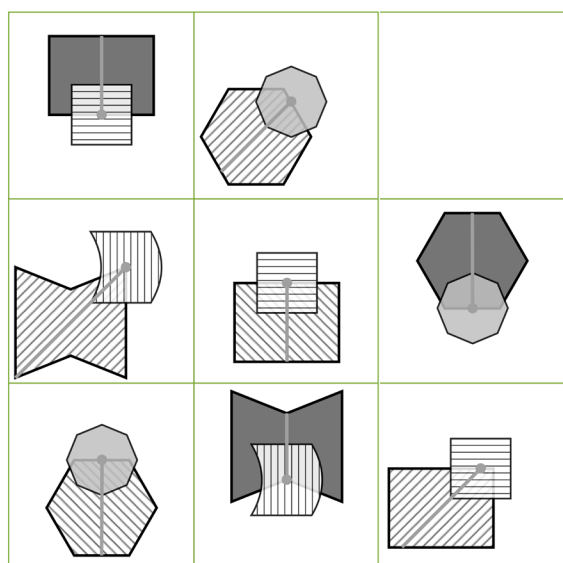


e

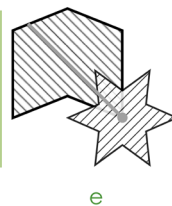
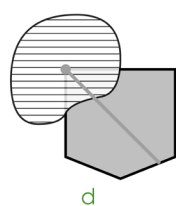
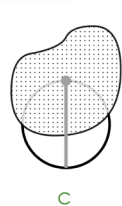
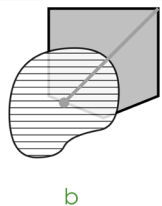
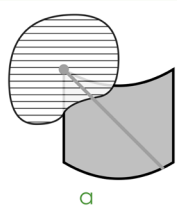
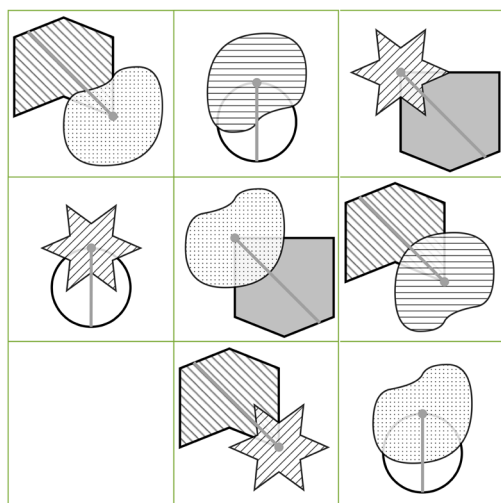
The answer is **d**.

## 1 Practice

Which figure should fill the empty square?



## 2 Practice



## **END OF PRACTICE**

**Non-Verbal Reasoning Subtest 2 begins on the next page.**

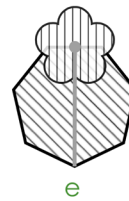
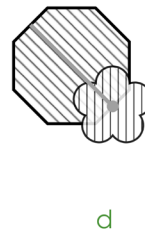
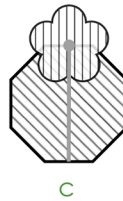
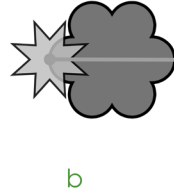
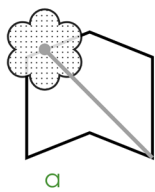
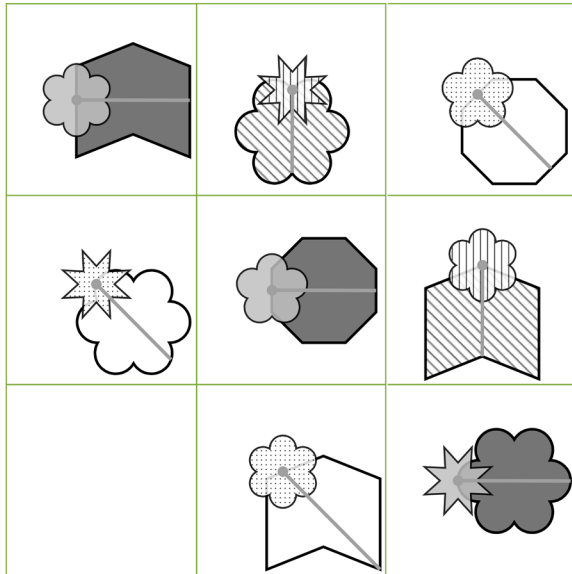
- **You have 4 minutes to complete Non-Verbal Reasoning Subtest 2.**
- **There are 8 questions to answer.**
- **Your time will start when you turn over the page.**
- **Do not turn over the page until you are told to do so.**

## Non-Verbal Reasoning Subtest 2

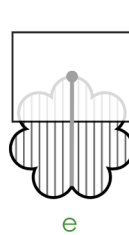
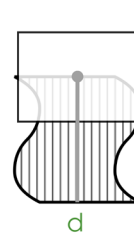
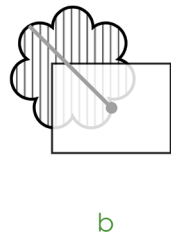
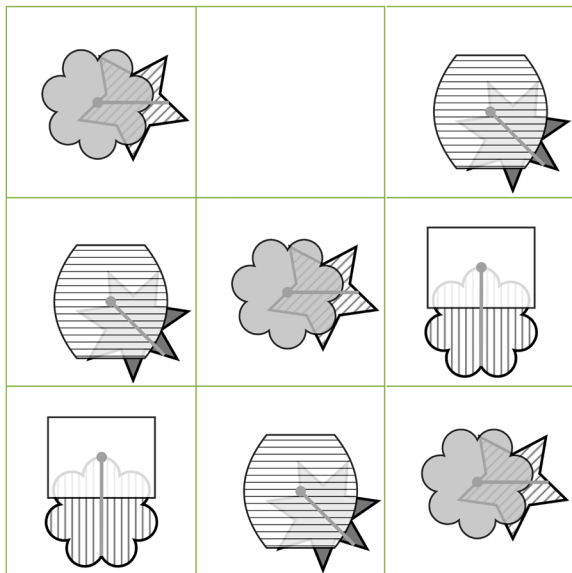
(4 minutes)

Which figure should fill the empty square? Mark its letter on your answer sheet.

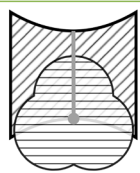
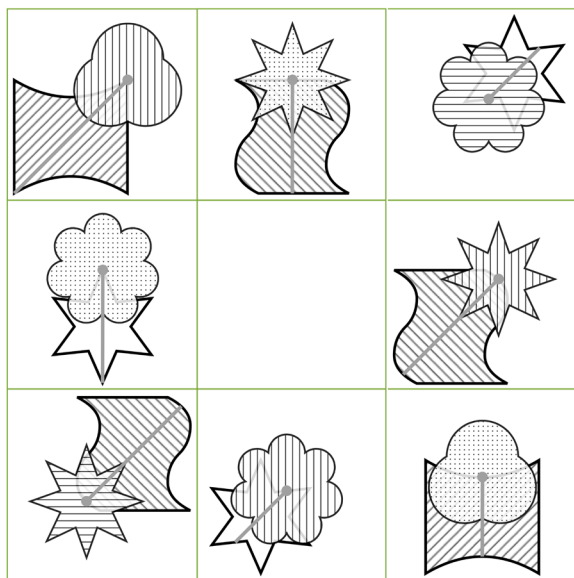
1



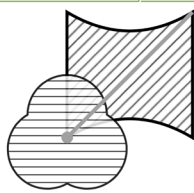
2



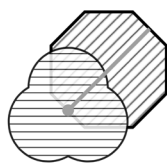
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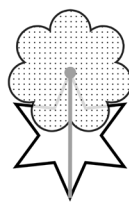
a



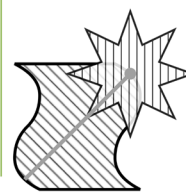
b



c

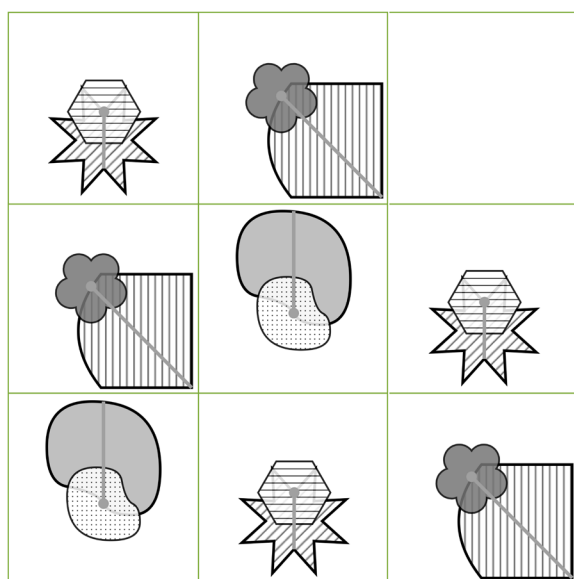


d

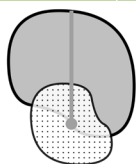


e

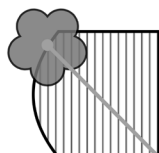
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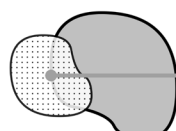
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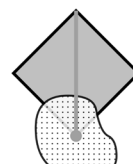
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c

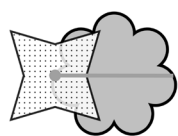
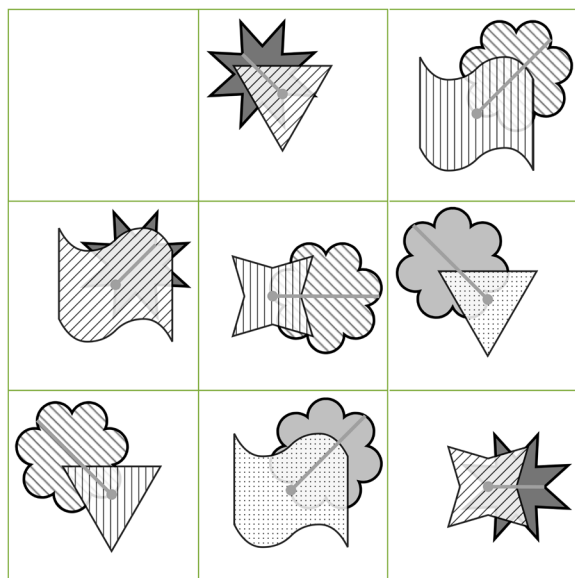


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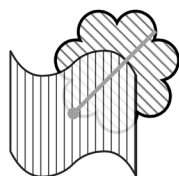


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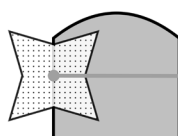
5



a



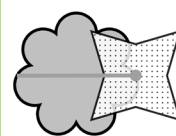
b



c

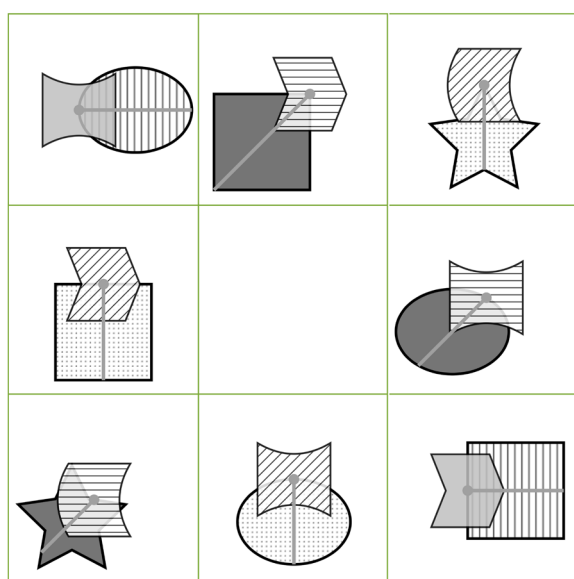


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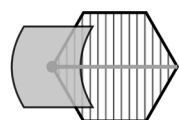


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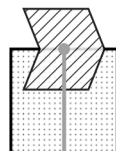
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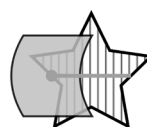
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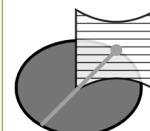
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c

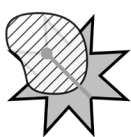
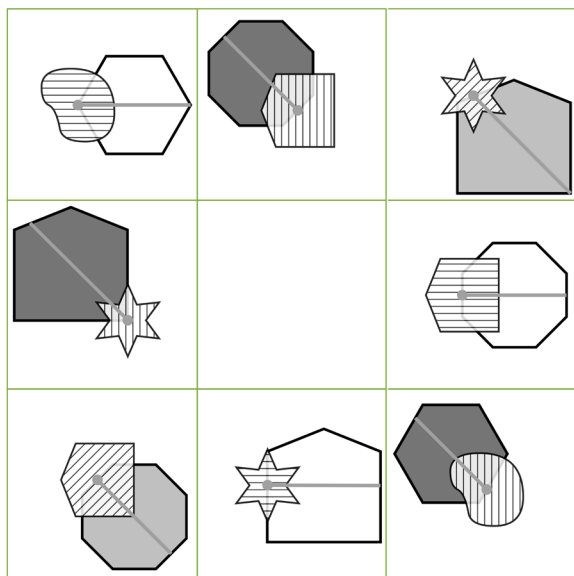


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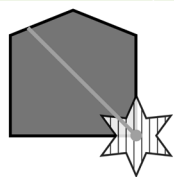


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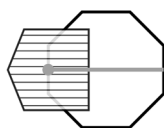
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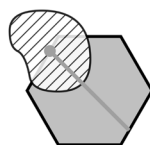
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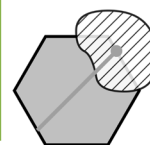
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c

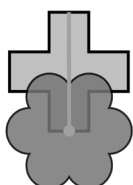
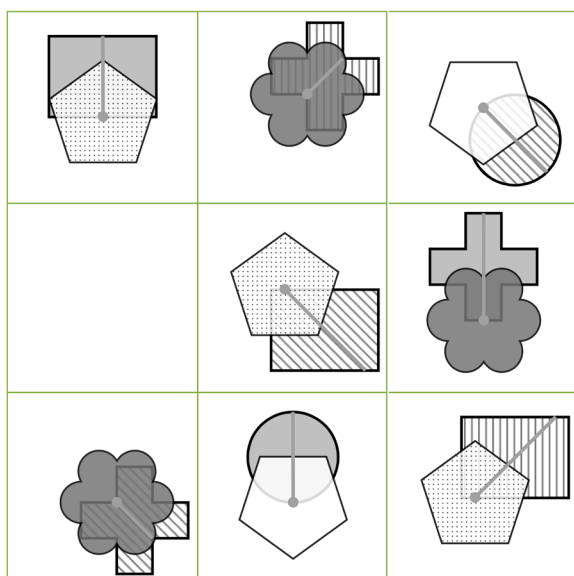


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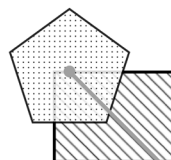
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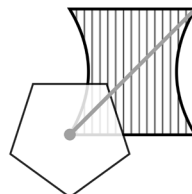
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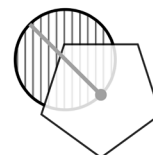
b



c



d



e

END OF NON-VERBAL REASONING SUBTEST 2.

DO NOT TURN OVER THE PAGE UNTIL YOU ARE TOLD TO DO SO.

# Spatial Reasoning Practice

(untimed)

This practice section gives an example of the sort of questions you will be faced with in this test, with the correct answer filled in on the answer sheet so that you can see how to do it.

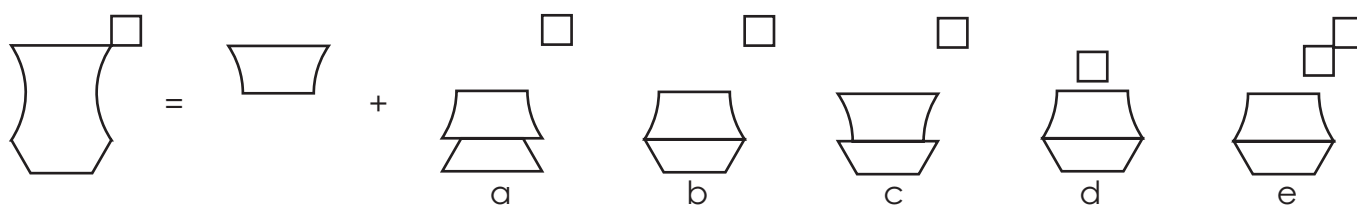
There are also some practice questions that don't have the answers filled in, so that you can practise working them out for yourself and filling in the answer sheet.

---

In these questions, the target shape is shown on the far left. Alongside it is one part of the shape.

Decide which of the five shapes, or sets of shapes, on the right needs to be added to that part to make the target shape, and mark its letter on your answer sheet. Be aware that sometimes the correct shape, or set of shapes, may have been rotated to make it harder to find.

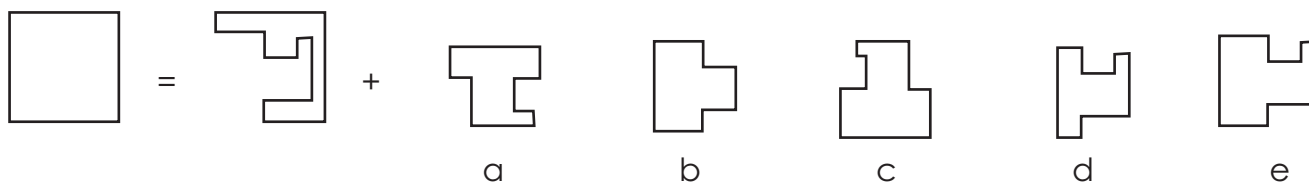
## A Example



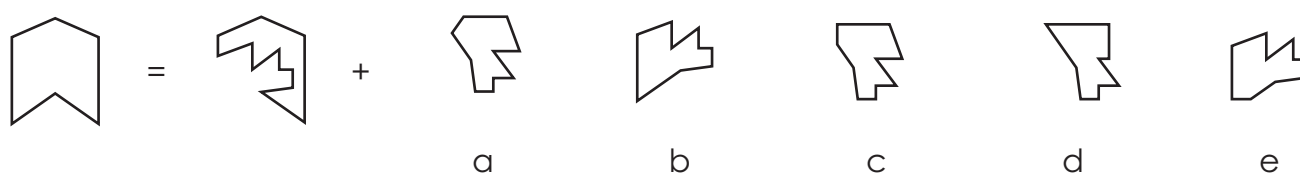
The answer is **b**.

## 1 Practice

Decide which of the five shapes, or sets of shapes, on the right needs to be added to the partial shape to make the target shape.



## 2 Practice



## **END OF PRACTICE SECTION**

**Spatial Reasoning test begins on the next page.**

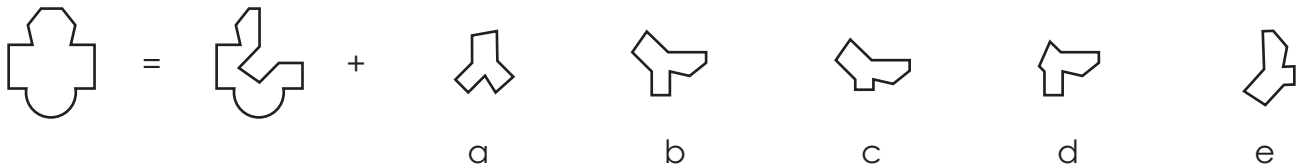
- **You have 4 minutes to complete the Spatial Reasoning test.**
- **There are 8 questions in this test.**
- **Your time will start when you turn over the page.**
- **Do not turn over the page until you are told to do so.**

# Spatial Reasoning

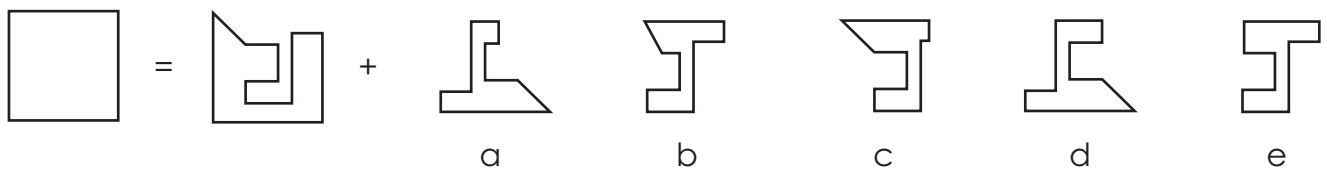
(4 minutes)

Decide which of the five shapes, or sets of shapes, on the right needs to be added to the partial shape to make the target shape. **Mark your answer on the answer sheet.**

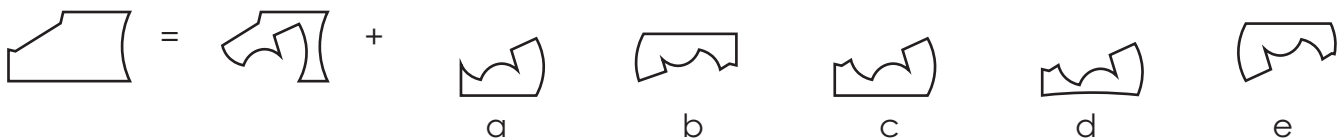
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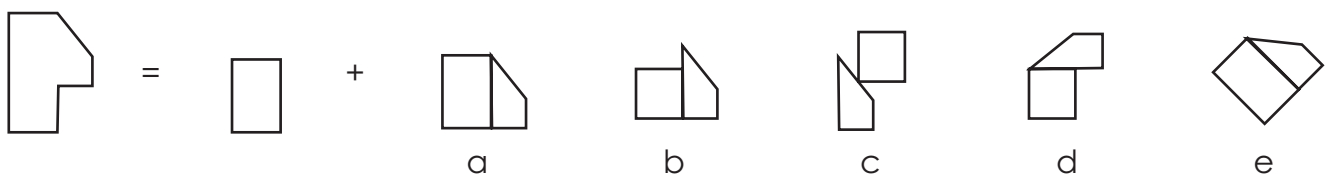
2



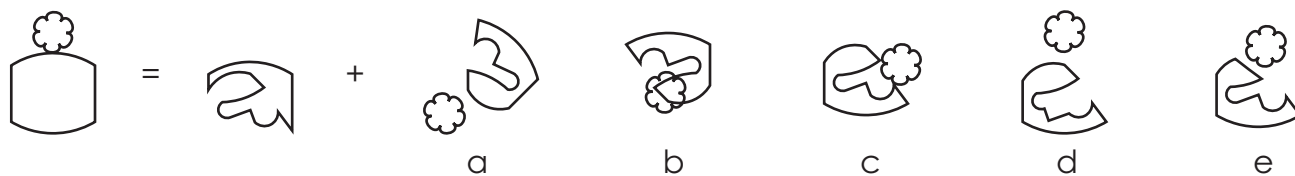
3



4



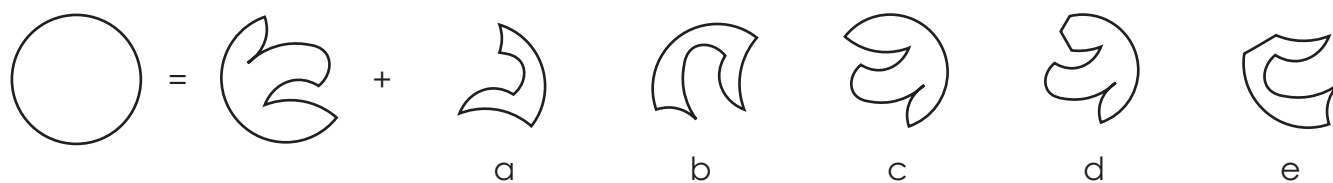
5



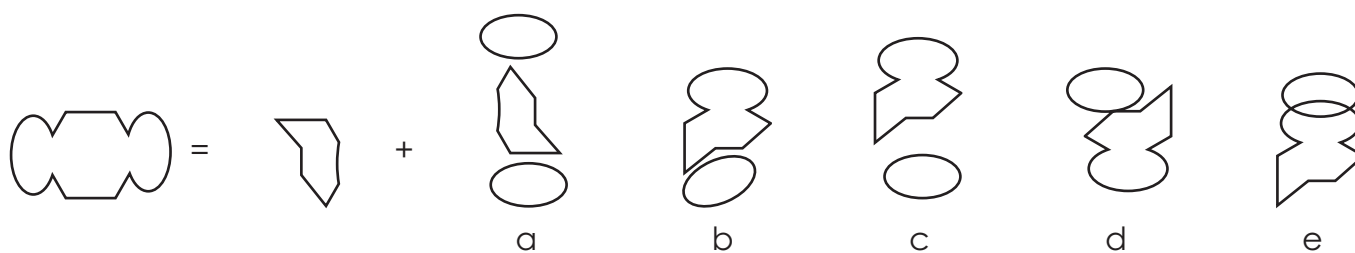
6



7



8



END OF SPATIAL REASONING TEST.

**END OF PAPER B.**

