

GL Trafford Mock 1 Paper B



Paper A

Approx. 60 minutes

66 marks

- This paper is divided into smaller, individually-timed sections that test 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 Verbal Reasoning

Practice section.

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.

In the questions below, find the **two** words, one from each group, that are most opposite in meaning. Select the **two** words from the options below.

Mark the letters on your answer sheet.

A Example

(reluctant hare bold)

(logical hesitant irrational)

A. reluctant

X. logical

B. hare

Y. hesitant

C. bold

Z. irrational

The answer is **C. bold** and **Y. hesitant**. 'Bold' means confident and willing to take risks, whilst 'hesitant' means unsure and reluctant.

These letters have been marked on your answer sheet.

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

1 Practice

(scarce abundant ordinary)

(dull cautious plentiful)

A. scarce

X. dull

B. abundant

Y. cautious

C. ordinary

Z. plentiful

2 Practice

(maintain expand restrict)

(hostile limit apathetic)

A. maintain

X. hostile

B. expand

Y. limit

C. restrict

Z. apathetic

In the questions below, find the number that continues the series in the most sensible way.

Mark your answer on the answer sheet.

B Example

5, 10, 20, 40, 80, ?

A. 100

B. 120

C. 140

D. 160

E. 180

The answer is **D**. The rule is that the number doubles each time.

This has been marked on your answer sheet.

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

3 Practice

670, 334, 166, 82, 40, ?

A. 17

B. 22

C. 18

D. 20

E. 19

4 Practice

18, 3, 27, 5, 36, ?

A. 45

B. 9

C. 7

D. 38

E. 11

END OF PRACTICE SECTION

The Verbal Reasoning test begins on the next page.

- You have 15 minutes to complete the Verbal Reasoning test.
- There are 22 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

(15 minutes)

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

***The Listeners* by Walter de la Mare**

- 'Is there anybody there?' said the Traveller,
Knocking on the moonlit door;
And his horse in the silence champed the grasses
Of the forest's ferny floor:
5 And a bird flew up out of the turret,
Above the Traveller's head:
And he smote upon the door again a second time;
'Is there anybody there?' he said.
But no one descended to the Traveller;
10 No head from the leaf-fringed sill
Leaned over and looked into his grey eyes,
Where he stood perplexed and still.
But only a host of phantom listeners
That dwelt in the lone house then
15 Stood listening in the quiet of the moonlight
To that voice from the world of men:
Stood thronging the faint moonbeams on the dark stair,
That goes down to the empty hall,
Harkening in an air stirred and shaken
20 By the lonely Traveller's call.
And he felt in his heart their strangeness,
Their stillness answering his cry,
While his horse moved, cropping the dark turf,
'Neath the starred and leafy sky;
25 For he suddenly smote on the door, even
Louder, and lifted his head:—
'Tell them I came, and no one answered,
That I kept my word,' he said.
Never the least stir made the listeners,
30 Though every word he spake
Fell echoing through the shadowiness of the still house
From the one man left awake:
Ay, they heard his foot upon the stirrup,
And the sound of iron on stone,
35 And how the silence surged softly backward,
When the plunging hoofs were gone.

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 Where do you think the traveller has stopped in the poem?

- A Outside an inn.
- B At a deserted village.
- C At a lonely house.
- D At a forest clearing.
- E At a castle gate.

2 What is the quote below an example of?

'forest's ferny floor' (Line 4)

- A metaphor
- B onomatopoeia
- C personification
- D alliteration
- E simile

3 Choose the best meaning for the word **'smote'**? (Line 7)

- A touched gently
- B struck hard
- C looked at carefully
- D shouted loudly
- E moved quickly

4 What time of day is suggested at the start of the poem?

- A Early morning
- B Midday
- C Late afternoon
- D Sunset
- E Night

In the questions below, find the **two** words, one from each group, that are most opposite in meaning. Select the **two** words from the options below.

5 (fervent apathetic manifest) (enthusiastically avid reveal)

A. fervent

X. enthusiastically

B. apathetic

Y. avid

C. manifest

Z. reveal

6 (coherent distinctly cryptic) (explicit blemished void)

A. coherent

X. explicit

B. distinctly

Y. blemished

C. cryptic

Z. void

7 (financial affluent indifferent) (prosperous integrates impoverished)

A. financial

X. prosperous

B. affluent

Y. integrates

C. indifferent

Z. impoverished

8 (strenuous perpetual persist) (unique arduous effortless)

A. strenuous

X. unique

B. perpetual

Y. arduous

C. persist

Z. effortless

9 (favourable optimist constant) (quench adverse conclusion)

A. favourable

X. quench

B. optimist

Y. adverse

C. constant

Z. conclusion

10 (placid excitable tranquillity) (privacy isolation commotion)

A. placid

X. privacy

B. excitable

Y. isolation

C. tranquillity

Z. commotion

11 (sinister melancholy facilitate) (support impede inhibit)

A. sinister

X. support

B. melancholy

Y. impede

C. facilitate

Z. inhibit

12 (devious promote transported) (manipulative guileless jubilant)

A. devious

X. manipulative

B. promote

Y. guileless

C. transported

Z. jubilant

In the questions below, find the number that continues the series in the most sensible way. **Mark your answer on the answer sheet.**

13 38, 45, 52, 59, 66, 73, ?

A. 79 B. 81 C. 77 D. 80 E. 78

14 112, 172, 222, 262, 292, ?

A. 312 B. 302 C. 310 D. 322 E. 332

15 4, 11, 25, 53, 109, ?

A. 221 B. 184 C. 233 D. 176 E. 152

16 55, 44, 32, 19, 5, ?

A. 1 B. -10 C. -15 D. -8 E. 14

17 8, 27, 64, 125, 216, ?

A. 325 B. 289 C. 343 D. 401 E. 309

18 8, 2, 6, 3, 4, 4, ?

A. 3 B. 5 C. 2 D. 1 E. 4

19 3, 9, 15, 21, 27, ?

A. 33 B. 30 C. 18 D. 29 E. 34

20 75, 69, 66, 66, 58, 63, 51, ?

A. 51 B. 63 C. 57 D. 62 E. 60

Read the following information, then find the correct answer and mark its letter on your answer sheet.

21 Read the statements below and then choose one option that must be true.

Dragonflies are insects. Insects have six legs.

- A. All animals are insects.
- B. Dragonflies are small.
- C. Dragonflies have one eye.
- D. Animals have six legs.
- E. Dragonflies have six legs.

22 Read the statements below and then choose one option that must be true.

Rome is the capital city of Italy. Italy is in Europe.

- A. Spain is in Europe.
- B. The euro is the currency used in Europe.
- C. People from Italy speak Italian.
- D. Rome is a European city.
- E. Italy is famous for its pizza.

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

Mathematics

(20 minutes)

1 A shop sells pencils for 15p each. How much do 8 pencils cost?

- A 95p B £1.05 C £1.20 D £1.50 E £12.00

2 What is 3.2×10 ?

- A 0.32 B 3.02 C 32 D 320 E 3.2

3 A jug contains 1.2 litres of juice. A glass can hold 250ml. How many full glasses can be filled?

- A 2 B 3 C 4 D 5 E 6

4 Which angle is obtuse?

- A 45° B 90° C 30° D 180° E 120°

5 10 friends share 5 pizzas between them.



If each pizza is cut into 8 pieces, how many pieces does each friend receive?

- A 4 B 2.5 C 6 D 3.5 E 5

- 6 A tray holds 42 eggs.
How many trays are required for 4,032 eggs?
- A 90 B 88 C 76 D 96 E 105
- 7 What time is 35 minutes after 09:45?
- A 10:10 B 10:15 C 10:20 D 10:25 E 10:30
- 8 At East Herrington school the ratio of girls to boys is 5:7. There are 60 girls.
How many boys are there?
- A 46 B 56 C 75 D 84 E 97
- 9 A rectangle has an area of 96cm^2 , and a length of 12cm.
What is the perimeter of the rectangle?
- A 40cm B 48cm C 37cm D 44cm E 32cm
- 10 A car travels 180km in 3 hours. What is the average speed that the car travels at?
- A 70km/h B 55km/h C 50km/h D 60km/h E 65km/h

11 If 5 pens cost £3.75, what is the cost of 8 pens?

- A £5.60 B £6.00 C £7.20 D £6.80 E £6.40

12 A tank is full of water. Two-fifths of the water are used. One-third of the remaining water then evaporates.

What fraction of the original tank evaporates?

- A $\frac{1}{5}$ B $\frac{1}{6}$ C $\frac{2}{9}$ D $\frac{1}{3}$ E $\frac{4}{15}$

13 How many lines of symmetry does the star have?



- A 5 B 6 C 15 D 10 E 8

14 A petrol tank is $\frac{3}{5}$ full. 12 litres of petrol is added to make it $\frac{4}{5}$ full. What is the capacity of the petrol tank?

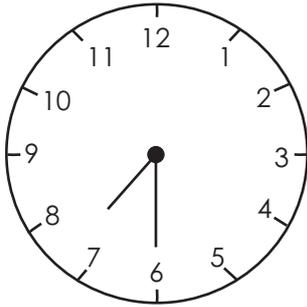
- A 56 litres B 30 litres C 60 litres D 75 litres E 42 litres

15 There is a jar of sweets. One-third of the sweets are eaten. A quarter of the remaining sweets are given away.

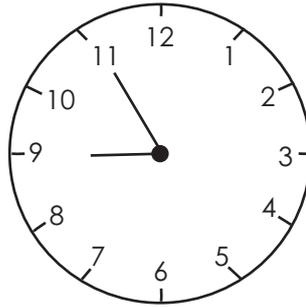
What fraction of the original jar was given away?

- A $\frac{1}{12}$ B $\frac{1}{6}$ C $\frac{1}{3}$ D $\frac{1}{4}$ E $\frac{1}{9}$

- 16 Clock A is 16 minutes slow.
Clock B is 7 minutes fast.



Clock A



Clock B

What is the difference between the different times that the clocks should show?

- A** 1 hour 48 minutes **B** 2 hours 2 minutes **C** 100 minutes **D** 1 hour 7 minutes **E** 1 hour 2 minutes
- 17 What is 95% of £8.60?

- A** £8.32 **B** £8.36 **C** £8.50 **D** £8.17 **E** £8.10

18 $(2A)^3 = 216$

What is the value of A?

- A** 2 **B** 3 **C** 4 **D** 5 **E** 6
- 19 Rafael goes to his local shop to buy some food. He buys 3 tins of soup at £1.49 each and 4 yoghurts at 88p each.

How much change does Rafael get from a £10 note?

- A** £7.99 **B** £1.98 **C** £2.01 **D** £1.88 **E** £2.12

20 The length of one side of a cube is 5cm. What is the volume of the cube?

A 25cm^3

B 75cm^3

C 100cm^3

D 125cm^3

E 150cm^3

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 1, with the correct answer filled in on the answer sheet so that you can see how to do it.

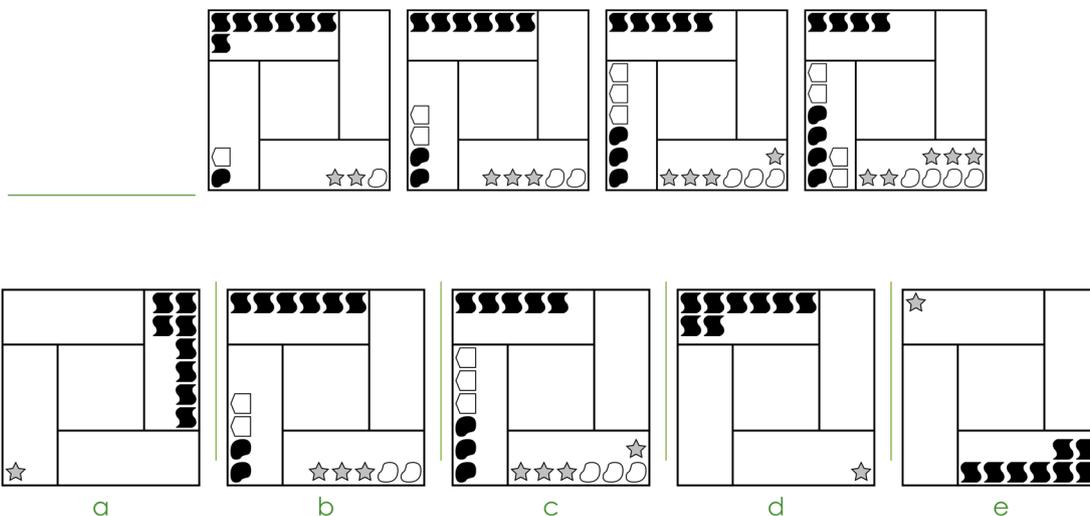
There are also two practice questions that don't have the answers filled in, so that you can practise working them out for yourself and filling in the answer sheet.

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

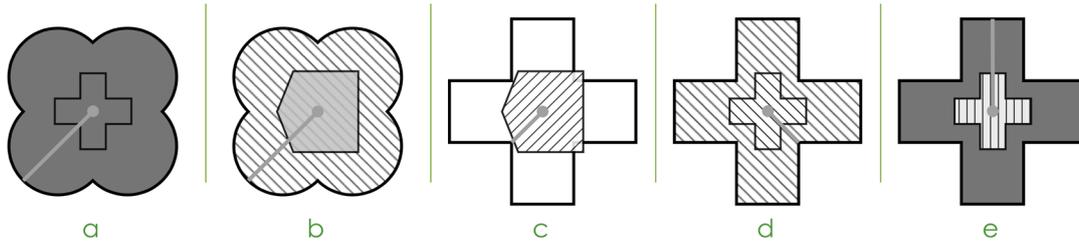


The answer is **d**. The solid black flag shape, presented horizontally in the top rectangle is decreasing by one each time. The solid black bean shape and the pentagon shape in the left-hand side rectangle are increasing by one each time. Given that there is only one each of these in the second figure of the series, we know that there must be none in the first figure that is missing. The grey star and white bean shape in the bottom rectangle are also increasing by one each time. Following these rules, we know that D is the answer and the missing figure from this series.

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

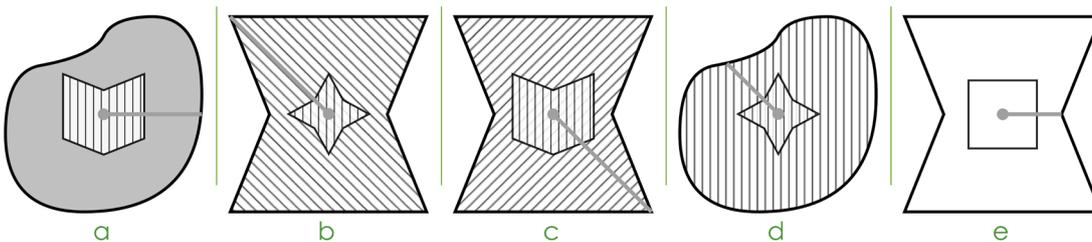
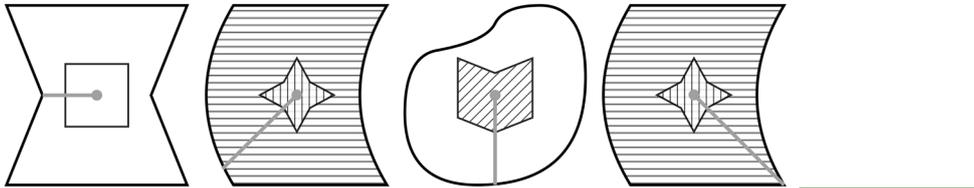
1 Practice

Choose the figure that completes the series.



2 Practice

Choose the figure that completes the series.



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.

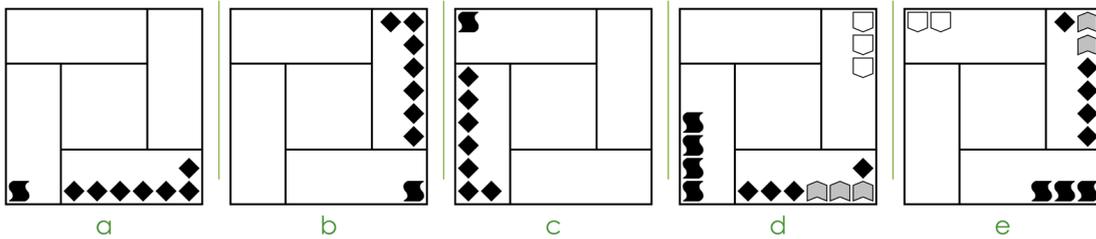
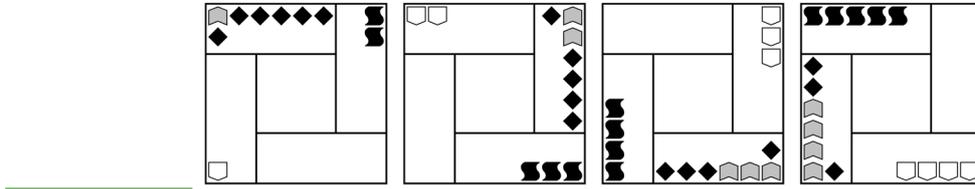
Non-Verbal Reasoning Subtest 1

(4 minutes)

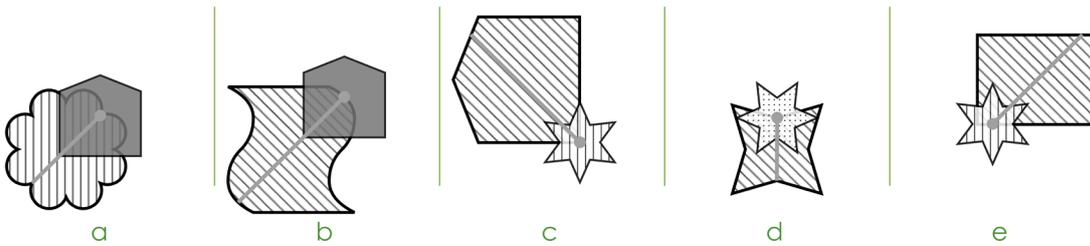
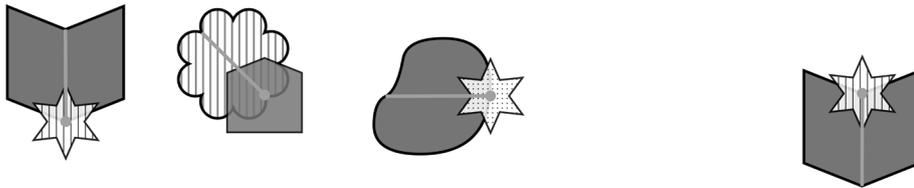
Work out the correct answer and mark its letter on your answer sheet.

Choose the figure that completes the series.

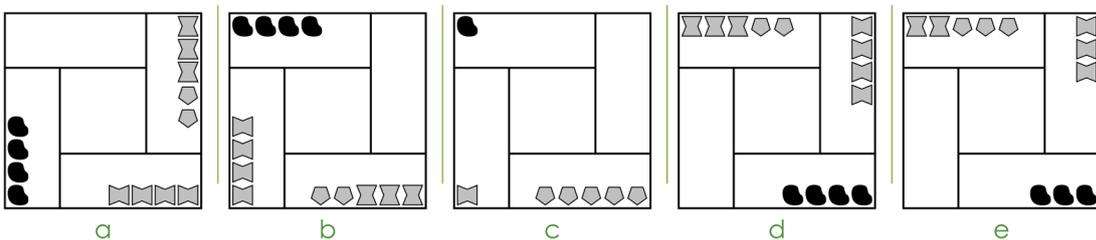
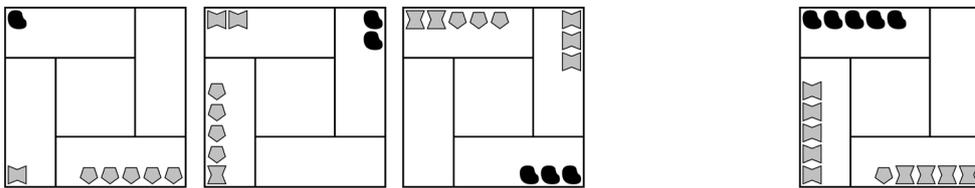
1



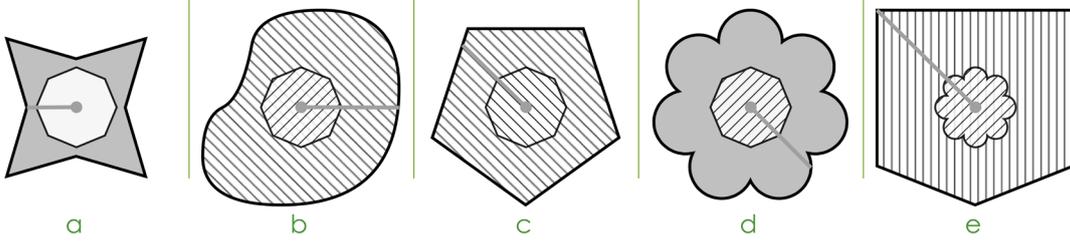
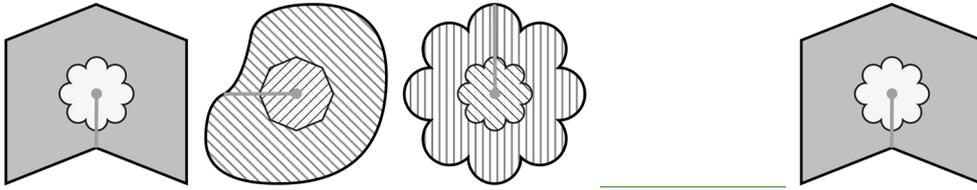
2



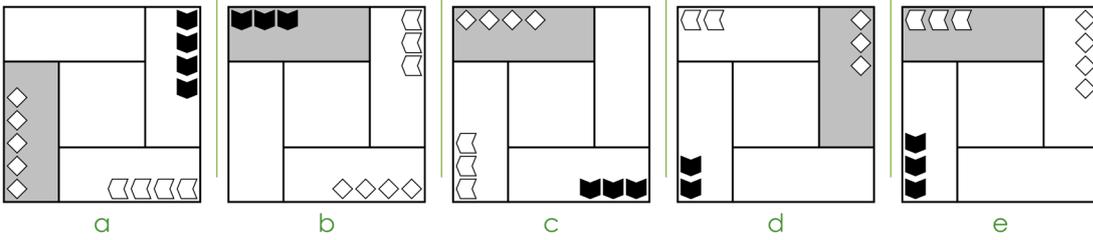
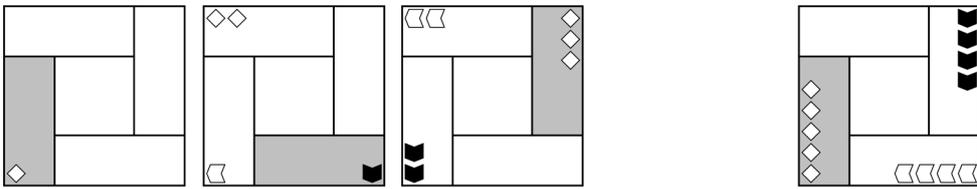
3



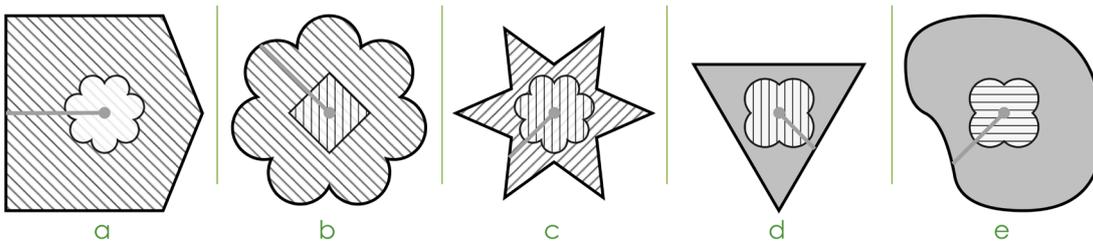
4



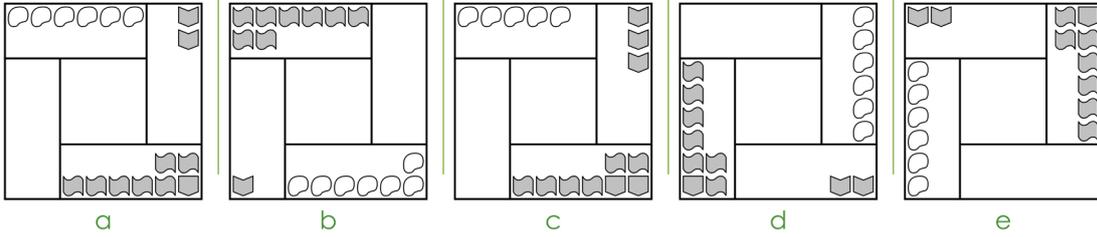
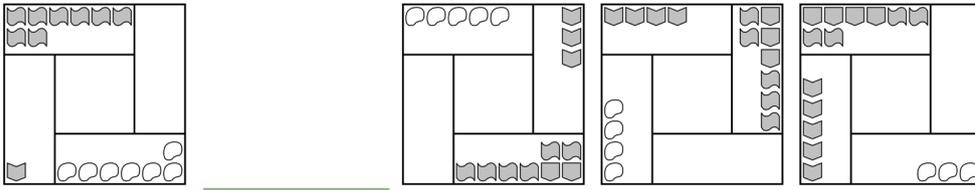
5



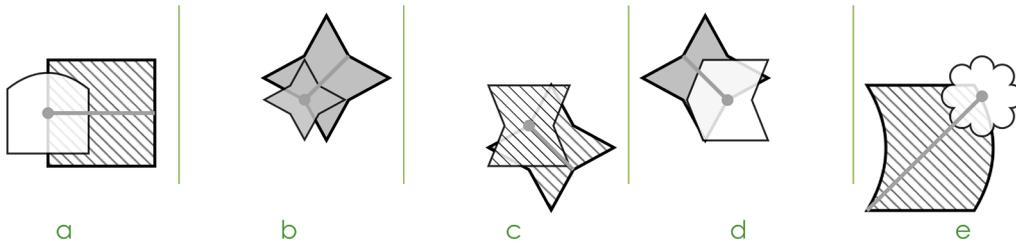
6



7



8



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

Non-Verbal Reasoning Subtest 2

Practice Section

(Untimed)

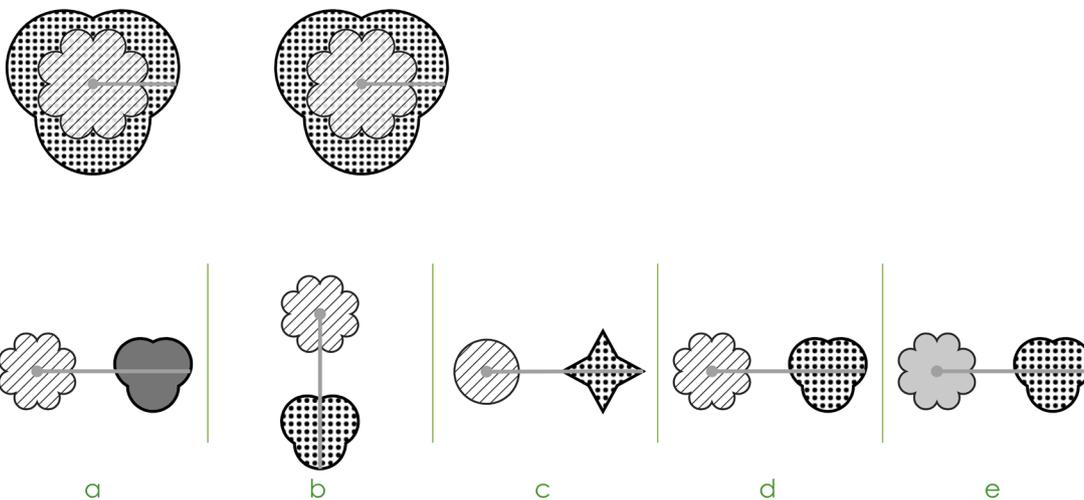
This practice section gives an example of the sort of question you will be faced with in Non-Verbal Reasoning Subtest 2, with the correct answer filled in on the answer sheet so that you can see how to do it.

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 are two figures above the answer options. Below, there are five answer option figures: one of these is most like the two figures above. You must choose the figure that is most similar to both of the given figures.

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

A Example

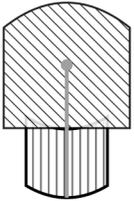
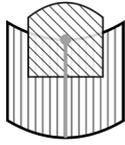
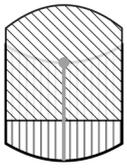


The answer is **d**. Option D is the most similar because it keeps the same shapes, shading and layout as the two figures at the top. In both of the given figures, a striped, flower-like shape is joined by a horizontal line to a dotted, rounded shape on the right. Option D shows exactly the same two shapes with the same shading patterns, joined in the same sideways direction. The other options change the shading, the shape or the direction in which the shapes are joined, so they are not as similar.

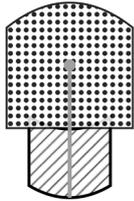
Now try the practice questions and mark your answers on the answer sheet.

1 Practice

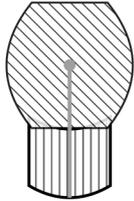
Choose the option that is most similar to the two figures.



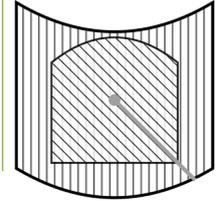
a



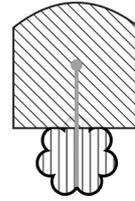
b



c



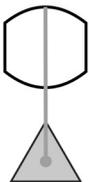
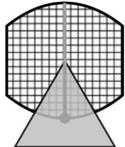
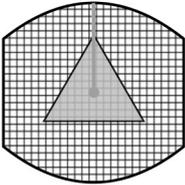
d



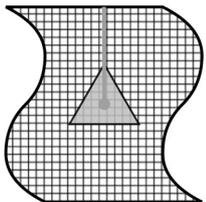
e

2 Practice

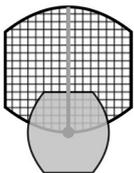
Choose the option that is most similar to the two figures.



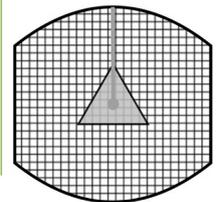
a



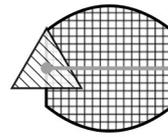
b



c



d



e

END OF PRACTICE SECTION

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 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.

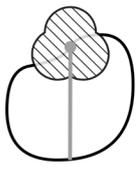
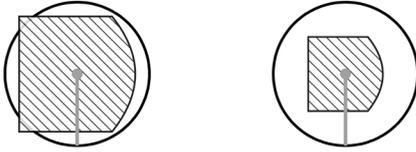
Non-Verbal Reasoning Subtest 2

(4 minutes)

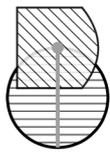
Work out the correct answer and mark its letter on your answer sheet.

Choose the option that is most similar to the two figures.

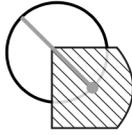
1



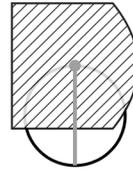
a



b



c

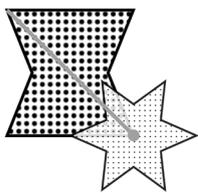
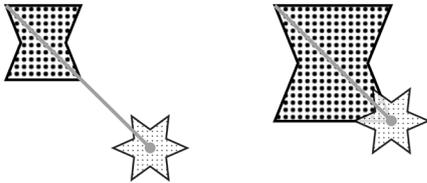


d

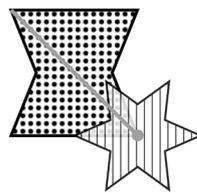


e

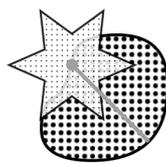
2



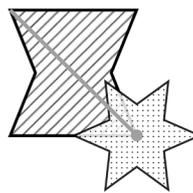
a



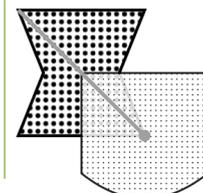
b



c

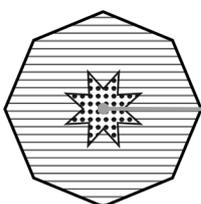
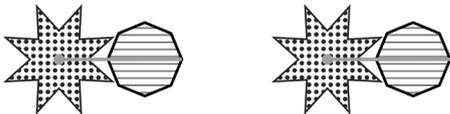


d

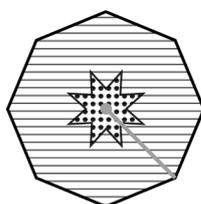


e

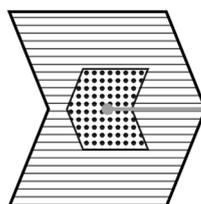
3



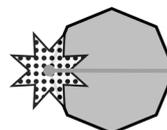
a



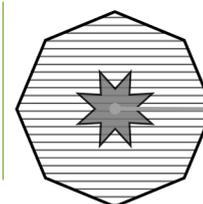
b



c

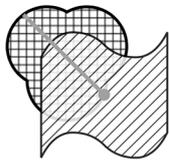
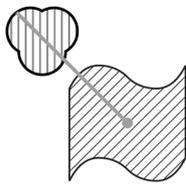


d

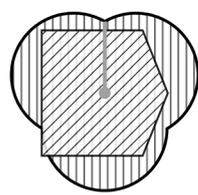


e

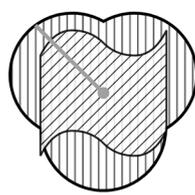
4



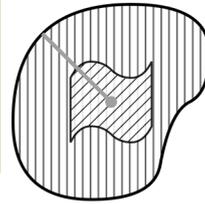
a



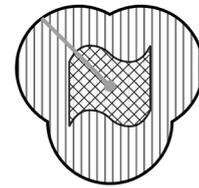
b



c

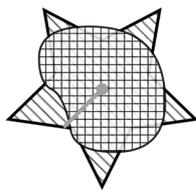
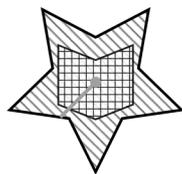
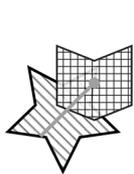


d

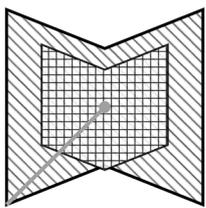


e

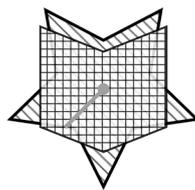
5



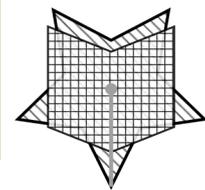
a



b



c

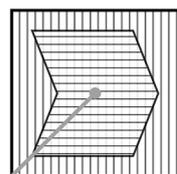
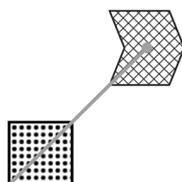
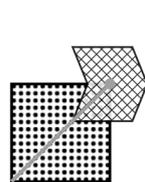


d

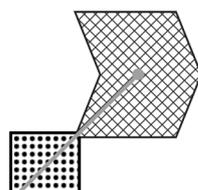


e

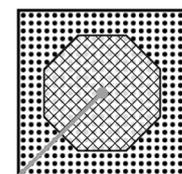
6



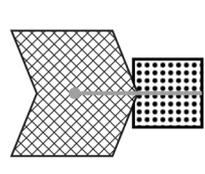
a



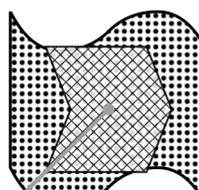
b



c

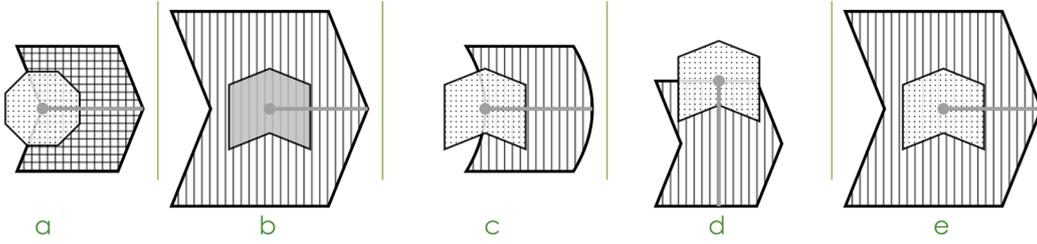
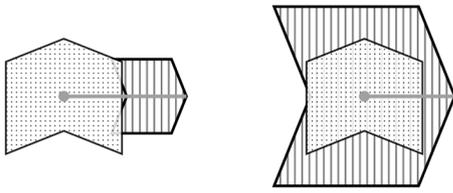


d

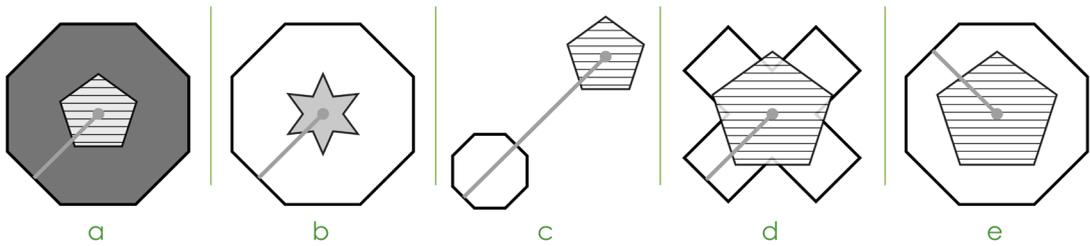
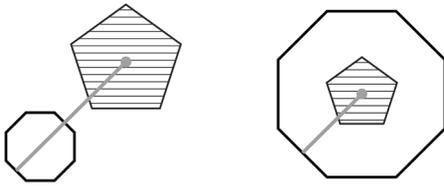


e

7



8



**END OF NON-VERBAL REASONING SUBTEST 2.
DO NOT TURN OVER UNTIL YOU ARE TOLD TO DO SO.**

Spatial Reasoning

Practice Section

(Untimed)

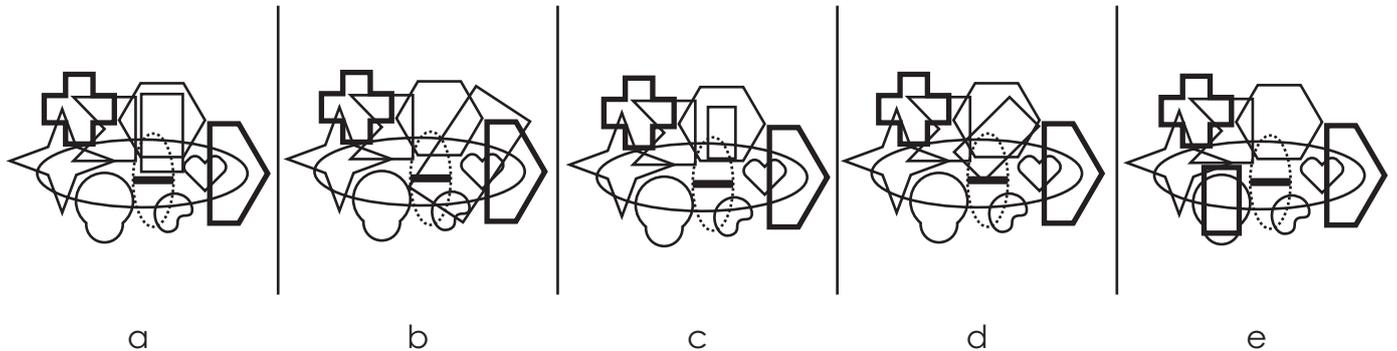
This practice section gives an example of the sort of question you will be faced with in Spatial Reasoning section, with the correct answer filled in on the answer sheet so that you can see how to do it.

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 each question, you are shown a single shape.

Select the option in which this shape is hidden. It will be the same size, but may be rotated. Mark its letter on your answer sheet.

A **Example**

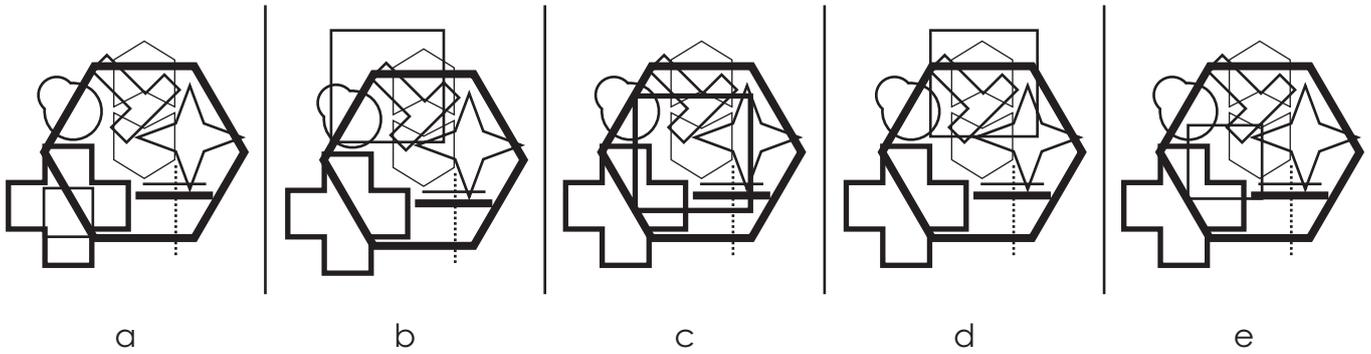


The answer is **b**. This is the only combination of shapes where the rectangle is the same size and line thickness. It has been rotated 45° clockwise. In options a, c and d, the rectangle is smaller and in e the rectangle has a different line thickness.

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

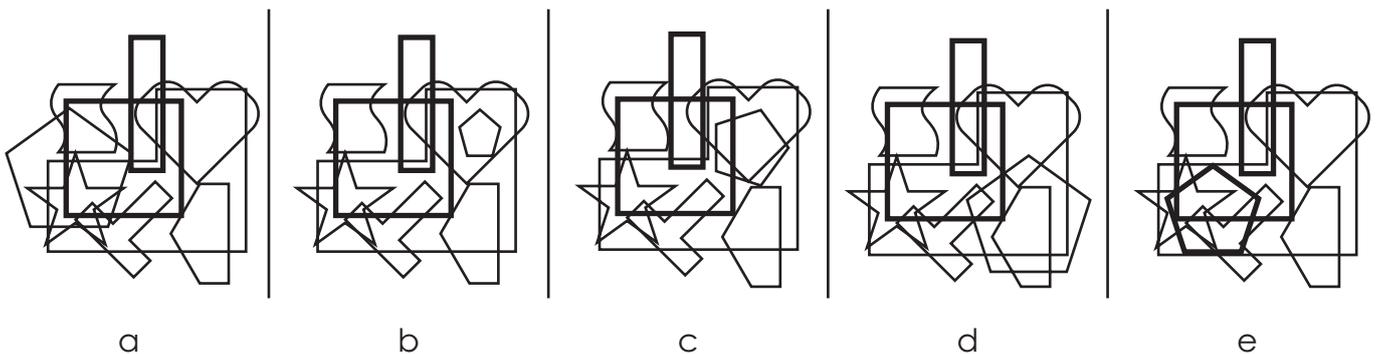
1 Practice

Select the option in which this shape is hidden. It will be the same size, but may be rotated.



2 Practice

Select the option in which this shape is hidden. It will be the same size, but may be rotated.



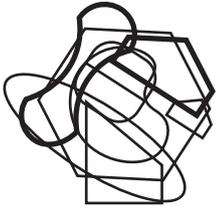
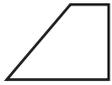
END OF PRACTICE SECTION

Spatial Reasoning section begins on the next page.

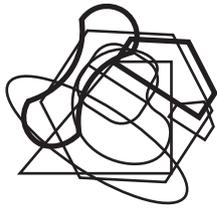
- You have 4 minutes to complete Spatial Reasoning section.
- There are 8 questions in this subtest.
- Your time will start when you turn over the page.
- Do not turn over the page until you are told to do so.

Select the option in which this shape is hidden. It will be the same size, but may be rotated.

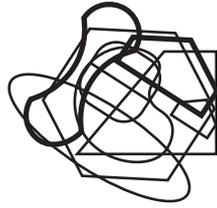
1



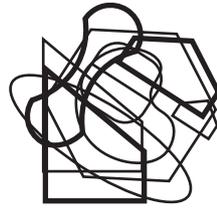
a



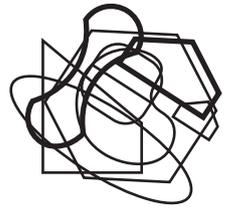
b



c

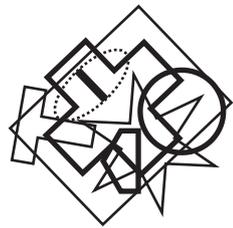


d

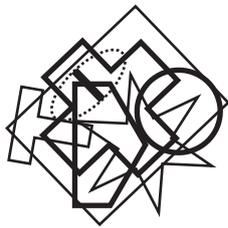


e

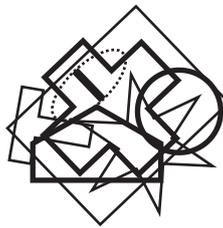
2



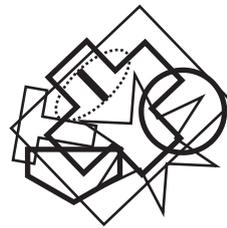
a



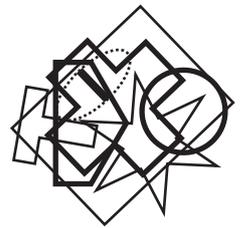
b



c



d



e

3



a



b



c

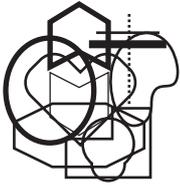


d



e

4



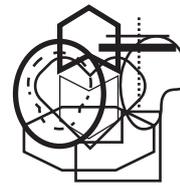
a



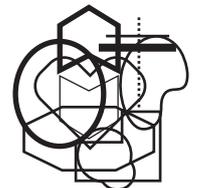
b



c

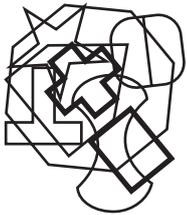


d

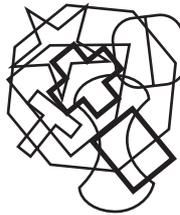


e

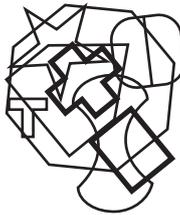
5



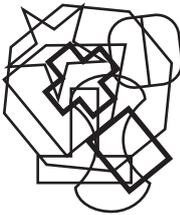
a



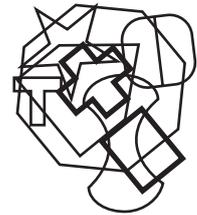
b



c

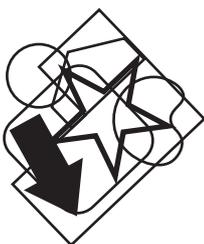
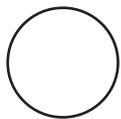


d

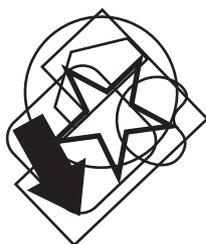


e

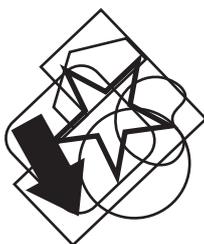
6



a



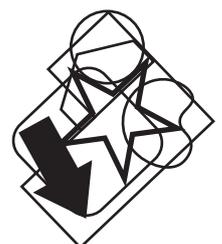
b



c

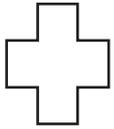


d



e

7



a

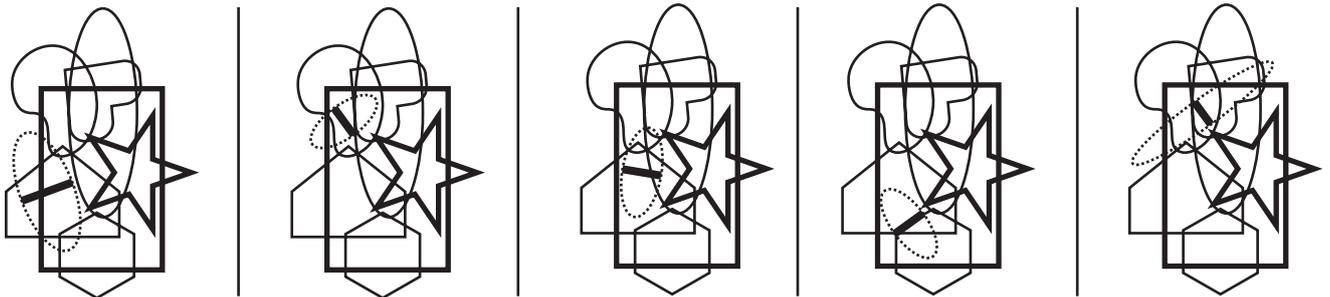
b

c

d

e

8



a

b

c

d

e

END OF PAPER B

1ELLPS10966