

11+

Spatial Reasoning

- **CHALLENGING 11+ EXAM STYLE QUESTIONS**
- **VARYING COMPLEXITY**
- **TIMED CONDITIONS**
- **ANSWERS INCLUDED**
- **A GREAT INSIGHT INTO WHAT IS EXPECTED FROM THE 11+ EXAM**



Spatial Reasoning

Age 9-11



11+ Spatial Reasoning Practice Paper

This 11+ practice paper is FREE to download and has been specifically designed to give your child an insight into the type of questions they can expect to see in their 11+ GL Assessment exam.

Published by Key Stages Online Ltd, a company in England and Wales, having a registered company number of 05258999

KSOL is a registered trademark of Key Stages Online Ltd.

First published 2019

Copyright © Key Stages Online Ltd

Copyright Notice

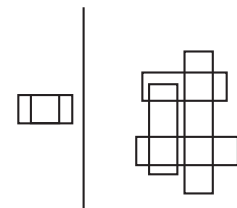
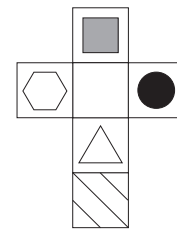
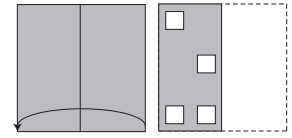
All rights reserved. No part of this publication may be reproduced in any form or by any means (including photocopying, storing electronically by any means including transient or permanent) without the written permission of the copyright holder Key Stages Online Ltd.

Disclaimer

This material is published by Key Stages Online Ltd, and is an excellent support aid for children who will be sitting an entrance exam. This material does not guarantee a qualification or a pass for any exam. The material should be used as a support aid only. No liability. Errors and omissions excepted.

Paper Instructions

- This paper will test your child on elements of Spatial Reasoning **ONLY**.
- The paper contains a mixture of the different levels of difficulty of the KSOL online questions, so do not worry if your child cannot answer some of the harder questions.
- Please note this paper contains questions and answers only.
- For step by step explanations on how to approach 11+ questions, try our courses:
www.ksol.co.uk/contents/11plus-preparation.
- Please allow your child **10 minutes** to complete this paper.



Child Instructions

- Please complete this exam paper using pencil only.
- Mark all of your answers on the separate answer sheet provided.
- If you cannot answer a question, do not panic, simply move on and return to it later.
- Rub out any errors on your answer sheet. Do not cross them out.
- **Ask an adult to time you for 10 minutes.**
- You must not talk during the test.

Child Details

First name: _____

Surname: _____

D.O.B: _____

Date: _____

Marking Criteria

Total _____

Out of 21

Percentage _____ %

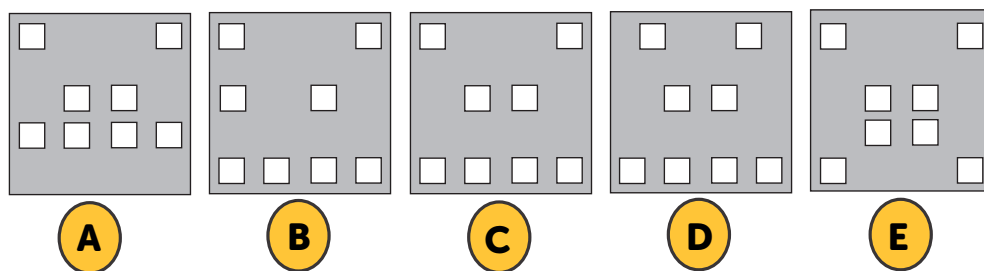
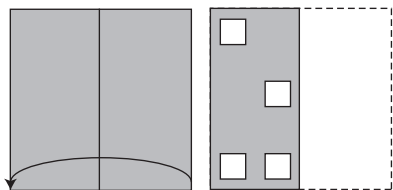
11+ Spatial Reasoning

You have 10 minutes to complete this paper.

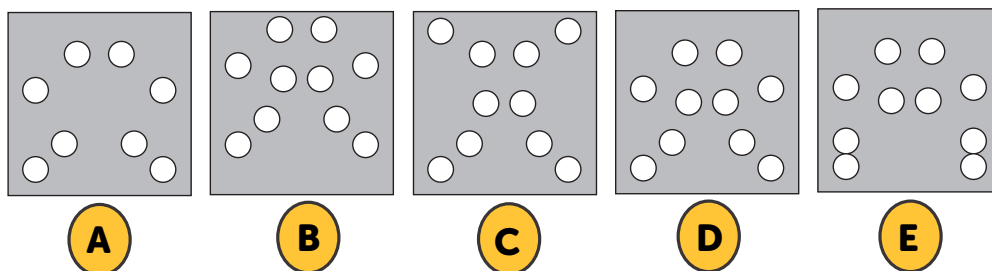
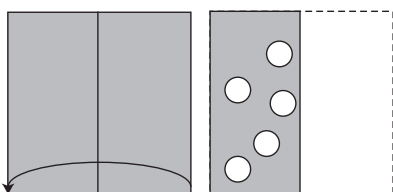
Figure Analysis

Each of the following questions are about folding paper and punching holes or making patterns in it. You must decide how the paper would look when unfolded.

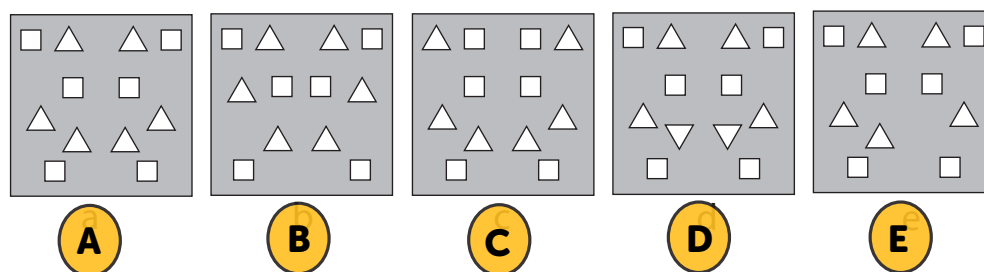
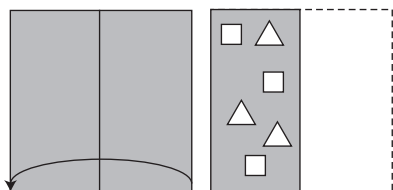
1)



2)



3)

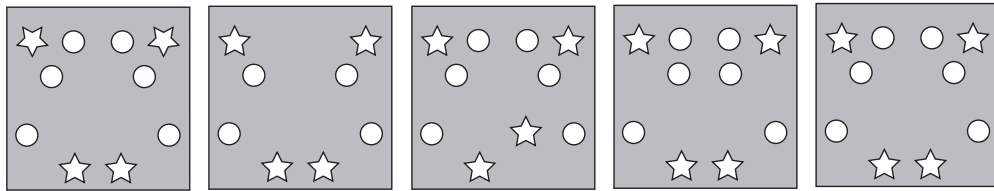
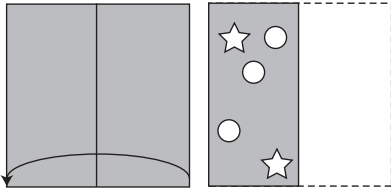


11+ Spatial Reasoning

Visit www.ksol.co.uk for more 11+ resources



4)



A

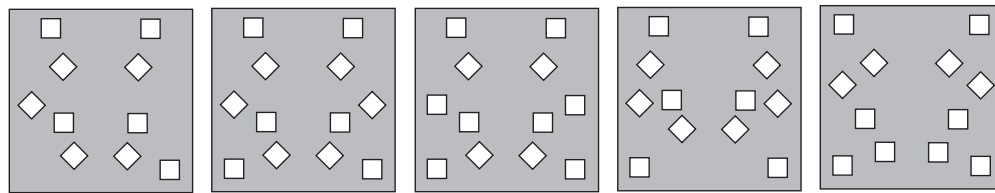
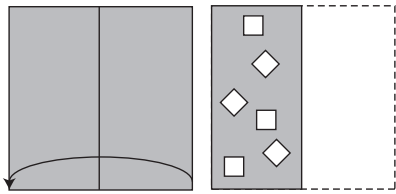
B

C

D

E

5)



A

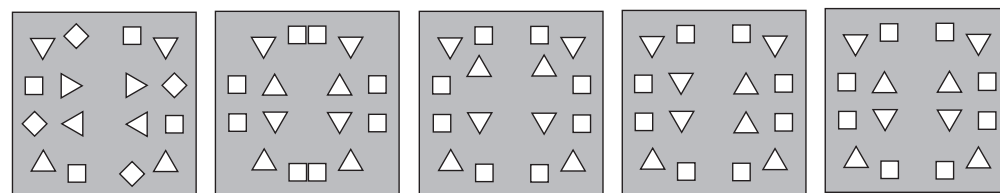
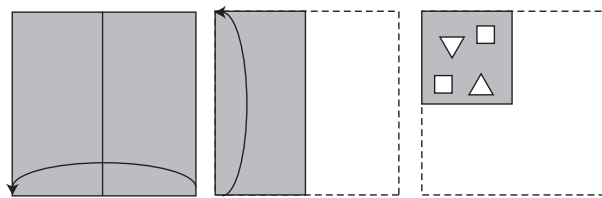
B

C

D

E

6)



A

B

C

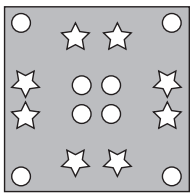
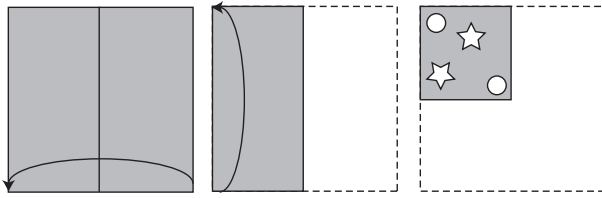
D

E

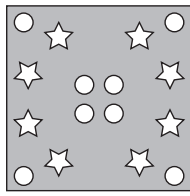
11+ Spatial Reasoning

Visit www.ksol.co.uk for more 11+ resources

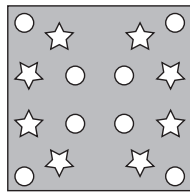
7)



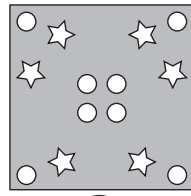
A



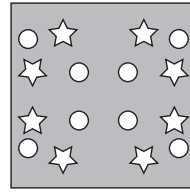
B



C



D



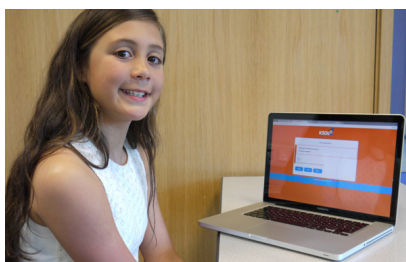
E

11+ Tuition

Over 16 years of experience



Is your child ready for the 11+ GL Assessment exam?



Award-Winning
11+ Online Courses

- ✓ Personalised daily tests (Mon-Fri)
- ✓ Earn real prizes for achieving your goals!
- ✓ Covers essential skills in Maths, English, Verbal and NVR
- ✓ Explanations provided for questions instantly
- ✓ Support & guidance from an expert KSOL tutor

Visit ksol.co.uk for your **FREE** GL 11+ trial!

Find out why over 98% of parents recommend us!

CALL US TODAY on **0121 733 6558**

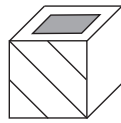
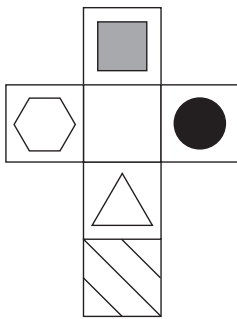
11+ Spatial Reasoning

Visit www.ksol.co.uk for more 11+ resources

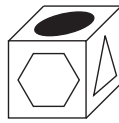
Cube Nets

Each of the following questions require you to imagine folding the nets up to form a cube. Work out which option has a correct view once a cube has been made.

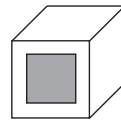
8)



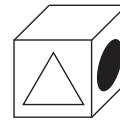
A



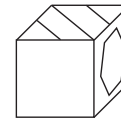
B



C

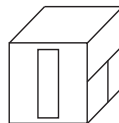
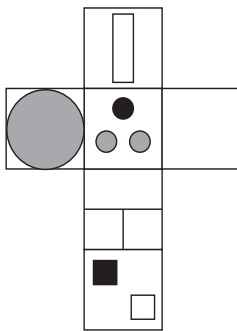


D

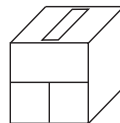


E

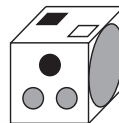
9)



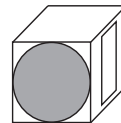
A



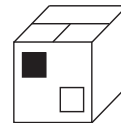
B



C

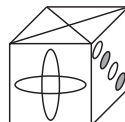
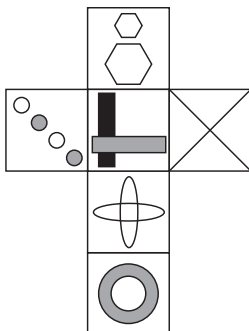


D



E

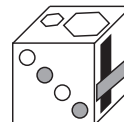
10)



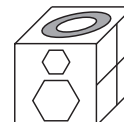
A



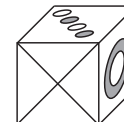
B



C



D

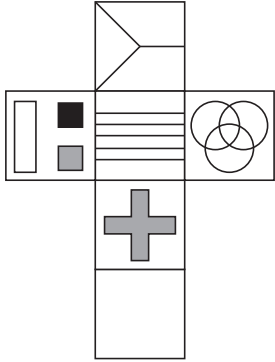


E

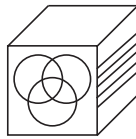
11+ Spatial Reasoning

Visit www.ksol.co.uk for more 11+ resources

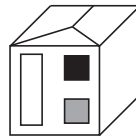
11)



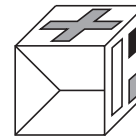
A



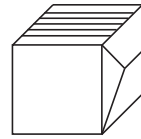
B



C

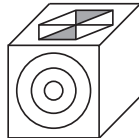
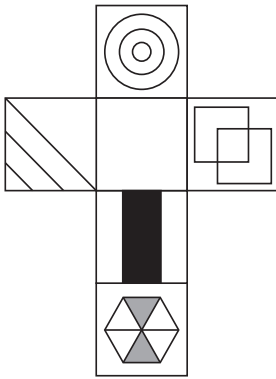


D



E

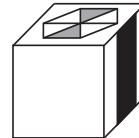
12)



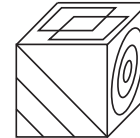
A



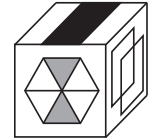
B



C

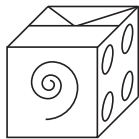
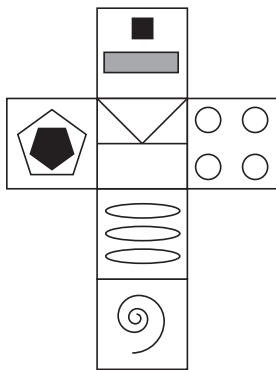


D

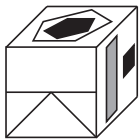


E

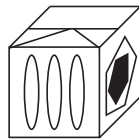
13)



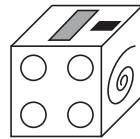
A



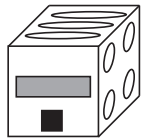
B



C

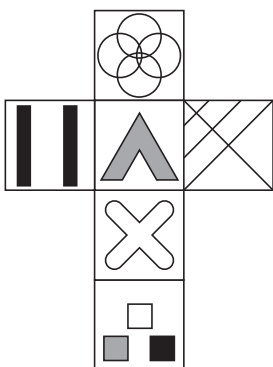


D

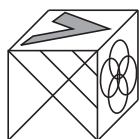


E

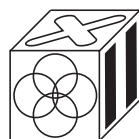
14)



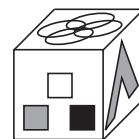
A



B



C



D



E

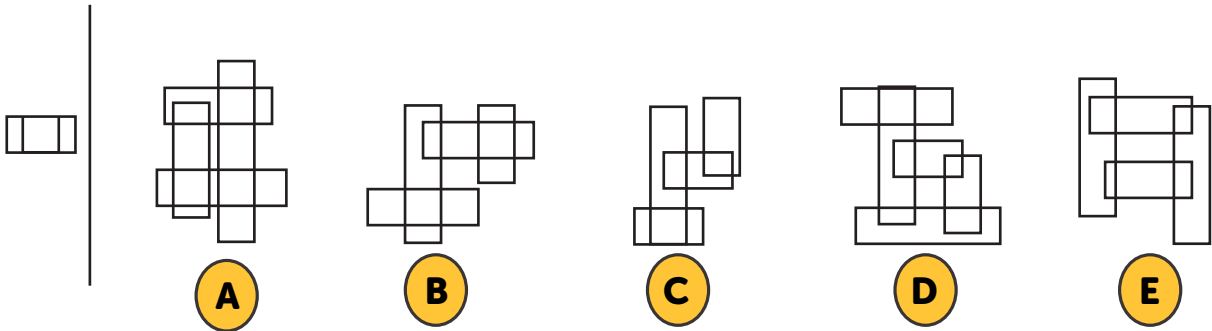
11+ Spatial Reasoning

Visit www.ksol.co.uk for more 11+ resources

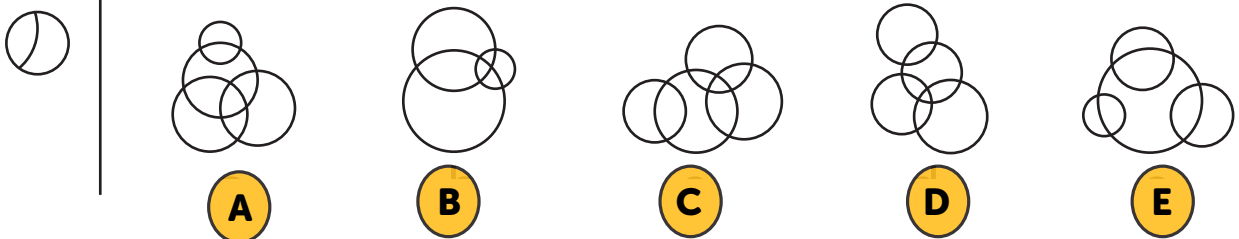
Hidden Shapes

These questions contain hidden shapes. The shape on the left is the target. The target is hidden in one of the five shapes to the right of the line. **It is exactly the same size however it may have been rotated.** All of the sides of the target must be visible in the shape where it is hiding.

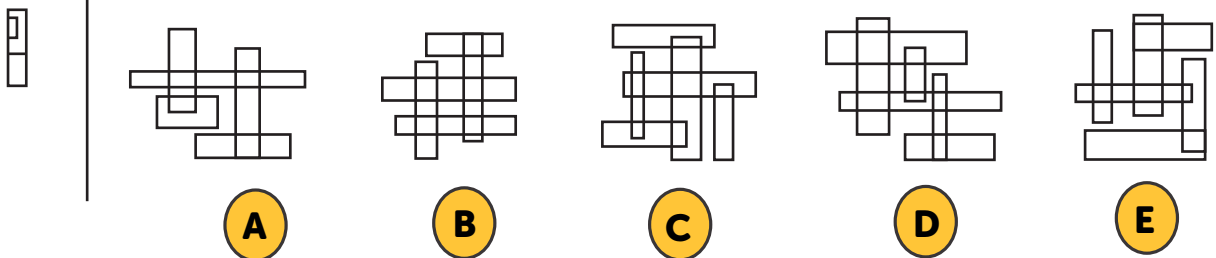
15)



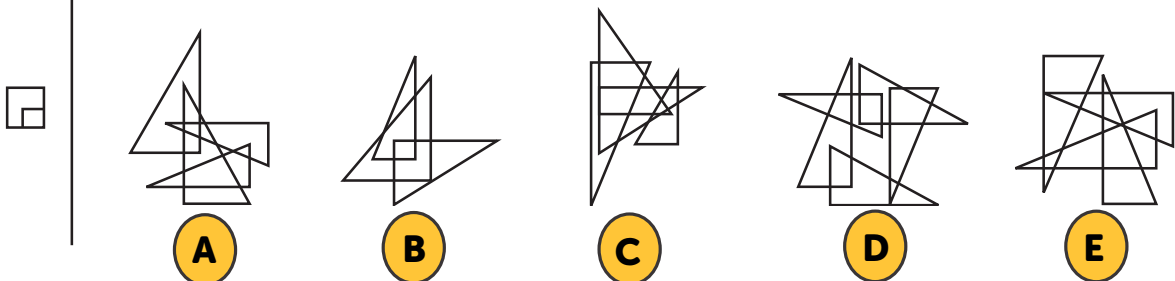
16)



17)



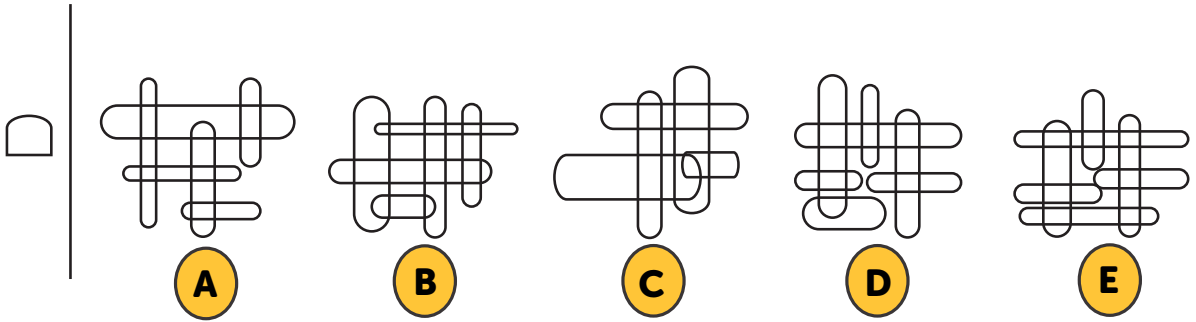
18)



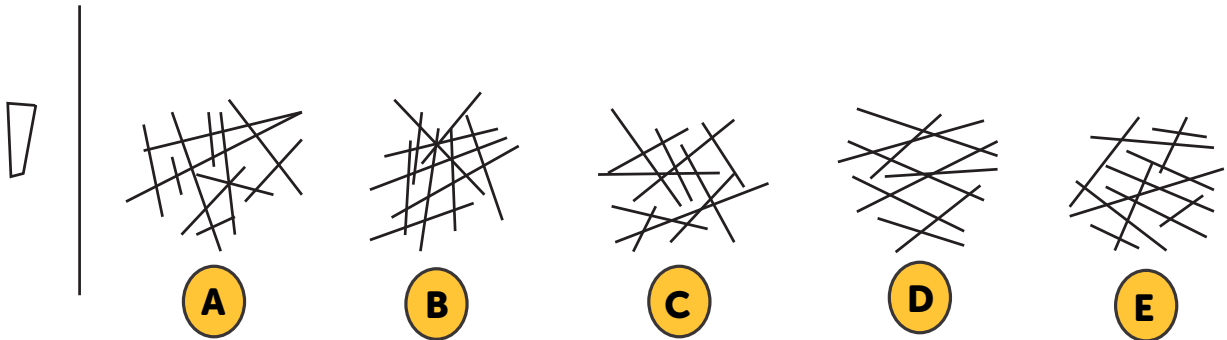
11+ Spatial Reasoning

Visit www.ksol.co.uk for more 11+ resources

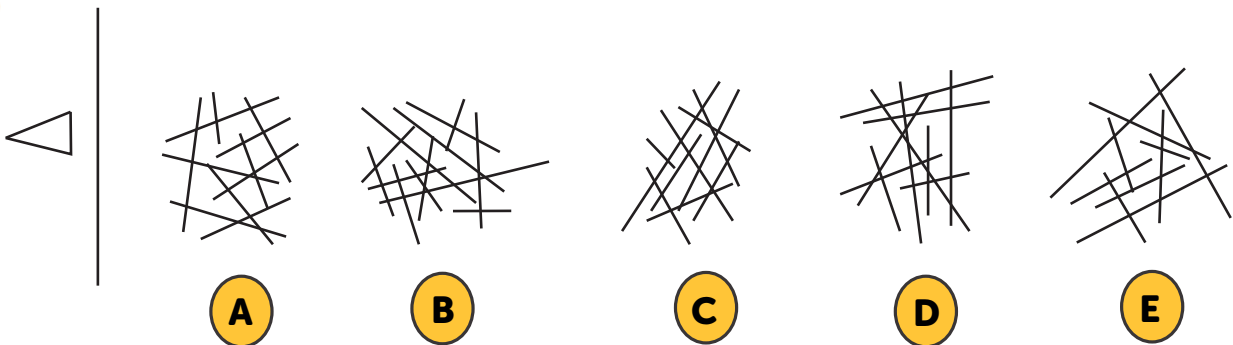
19)



20)



21)



**END OF PRACTICE
PAPER &
WELL DONE!**

Award-Winning 11+ Tuition

For children in
Year 4 & 5




Exclusive access to
courses, workshops
and 1-2-1 sessions

Excellent 89%
success rate!



GL 11+ Mock Exams
11+ Revision Books

11+ Spatial Reasoning Answer Sheet

MARK boxes clearly like this , with at least $\frac{2}{3}$ of the box shaded and **RUB OUT** any errors thoroughly.

Record all of your answers on this answer sheet.

Example A B C D E

Figure Analysis

Mark your answer from A-E below.

1. A B C D E 5. A B C D E

2. A B C D E 6. A B C D E

3. A B C D E 7. A B C D E

4. A B C D E

Cube Nets

Mark your answer from A-E below.

8. A B C D E 12. A B C D E

9. A B C D E 13. A B C D E

10. A B C D E 14. A B C D E

11. A B C D E

Hidden Shapes

Mark your answer from A-E below.

15. A B C D E 19. A B C D E

16. A B C D E 20. A B C D E

17. A B C D E 21. A B C D E

18. A B C D E

11+ Spatial Reasoning Answers

Figure Analysis

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

Cube Nets

8. D
9. E
10. C
11. A
12. E
13. D
14. B

Hidden Shapes

15. C
16. E
17. D
18. B
19. C
20. A
21. E