



A2Z Learning: 11+ Mixed Reasoning Paper 3

This paper will give you the opportunity to familiarise yourself with **verbal** and **non-verbal** reasoning questions.

Remember that you will never know every word in English or every picture pattern. Use this paper to help you to improve **how you think logically about the questions**.

No single A2Z paper will contain every kind of reasoning question. However, once you have completed several papers, you will be ready for most of the question types which could appear in the 11-plus exam.

If you find a question tricky, leave it and come back to it later. Place a mark near the question number- so you can easily find the questions you need to return to.

Ideally to be ready for the 11+ you need to be able to complete this paper in 20 minutes, but when you first start practising 30 minutes is more reasonable. As you practise you will begin to speed up as you become more familiar with the questions.

Good luck! You can do this!



Find one word in the brackets that could go well with both pairs of words outside the brackets.

Example:

(ribbon, present, play, theatre, party) gift, token show, demonstrate

1. (arrange, book, state, page) novel, volume reserve, order _____
2. (tack, leaf, stick, root) glue, attach twig, branch _____
3. (rest, perch, bench, stream) balance, sit bream, trout _____
4. (direct, guide, preserve, long) instruct, tell candid, frank _____
5. (low, smart, lace, bow) ribbon, trim bend, stoop _____

Work out how the middle word in the first set of 3 has been made. Use the same pattern to find the middle word in the second set of 3 words.

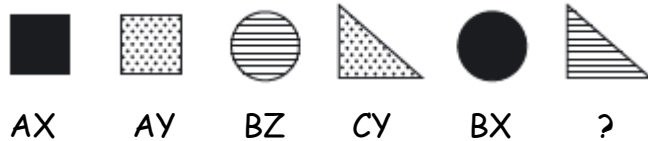
Example:

fast, (tea), real leaf (fir), hire

6. care, (ice) shin rope, (_____), room
7. stop, (pear), real loaf, (_____), load
8. shall, (leap), yelp charm, (_____), host
9. poles, (loopy), poppy racer, (_____), trace
10. could, (load), aloud louse, (_____), under

Find the code that matches the shape or pattern at the end of each row..

Example:



AX AY BZ CY BX ?

BZ AZ CX BY **CZ**
A B C D E

11.

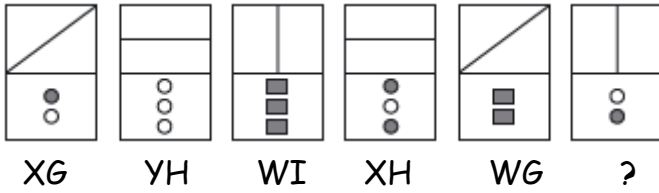


AX BY CX AZ DY ?

DZ AY BX BZ DX
A B C D E



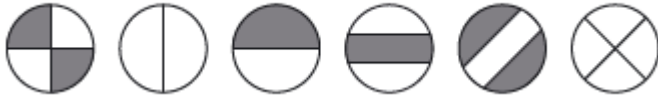
12.



YI WH WI XI YG
A B C D E

XG YH WI XH WG ?

13.



CY BY AY AX BZ
A B C D E

AZ BY BX CX CZ ?

Find the missing pair of letters in each sequence.

Example: **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**
MO MK OQ KI _____

14. AB AD AG _____ AP

15. DC HG LK PO _____

16. ZX AC VT EG _____ IK

17. ZU YT XS _____ VQ

18. AB DF HK _____ SX

Find the word that cannot be made from the letters of the word in capitals.

Example:

HANDMADE madden head demand name dream

19. ENGINEER grin green reign grain ring _____

20. BEAUTIFUL felt table blue full tube _____

21. MAGICIAN nice icing manic gin main _____

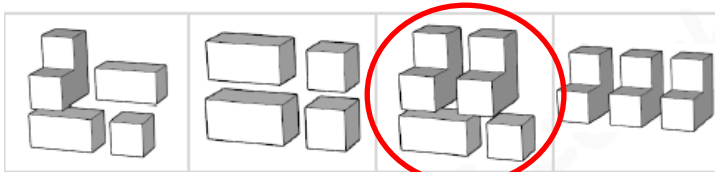
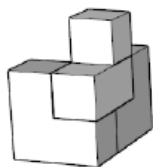
22. HELICOPTER police tripe chopper their three _____

23. WONDERFUL fund drone field rowed flour _____



Find the set of cubes that make up the figure on the left.

Example:



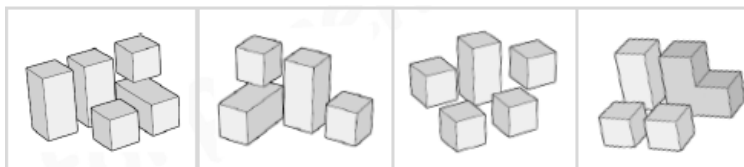
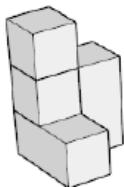
A

B

C

D

24.



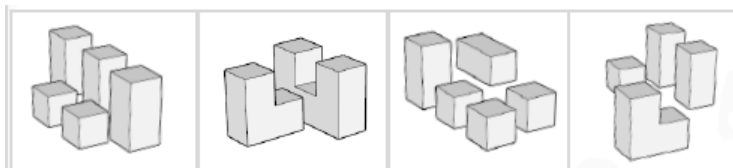
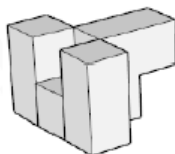
A

B

C

D

25.



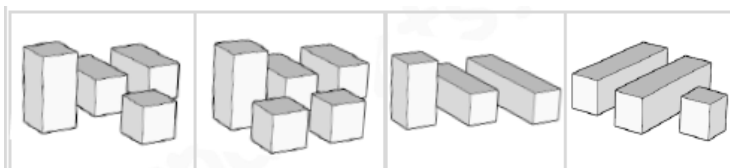
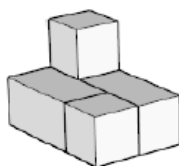
A

B

C

D

26.



A

B

C

D

In the following questions, letters stand for numbers. Find the answer to each sum. Write the answer as a letter.

Example: If $A = 2$, $B = 3$, $C = 4$, $D = 5$, $E = 6$ and $F = 8$

$$D + B = \quad D = 5 + B = 3 \quad 5 + 3 = 8 \quad D + B = \underline{E}$$

If $A = 2$, $B = 5$, $C = 9$, $D = 14$ and $E = 21$, what is the value of:

27. $D \times A - E + A = \underline{\hspace{2cm}}$

28. $E + B + A - D = \underline{\hspace{2cm}}$

29. $B \times B - D - C = \underline{\hspace{2cm}}$

30. $D + E \div B + A = \underline{\hspace{2cm}}$



Underline one word in the brackets which is most opposite in meaning to the word in capitals.

Example:

WIDE (broad, most, vague, long, narrow, motorway)

- 31. COOL (warm, hot, cold, icy, frozen)
- 32. INACCURATE (spontaneous, precise, casual, easy-going, forced)
- 33. SIMPLE (idle, comfortable, easy, soft, complicated)
- 34. ASSIST (hinder, help, aid, handle, halt)
- 35. INITIAL (last, early, letter, name, first)

Find the shape or pattern that completes the second pair in the same way as the first pair.

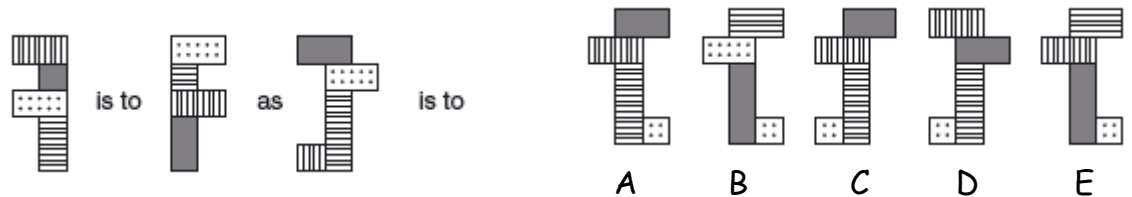
Example:



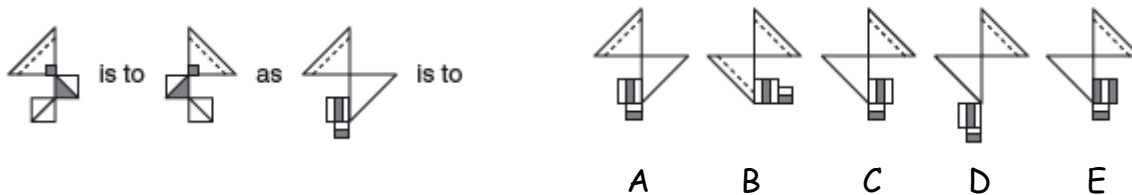
36.



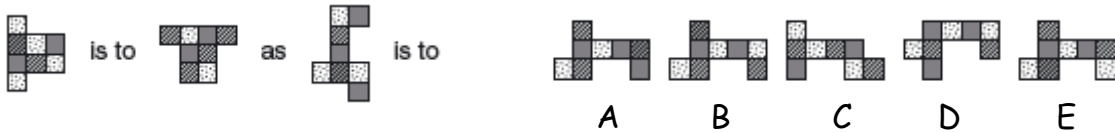
37.



38.



39.



Read the statements below, then answer the question.

40. Maya's school is east of her home and south of her riding stable.

Her friend Kate lives north of Maya's home.

These four places form the corners of a square.

Where is Kate's home in relation to the school? _____

41-45. Look at these headings.

A

B

C

Musical instruments

Vegetables

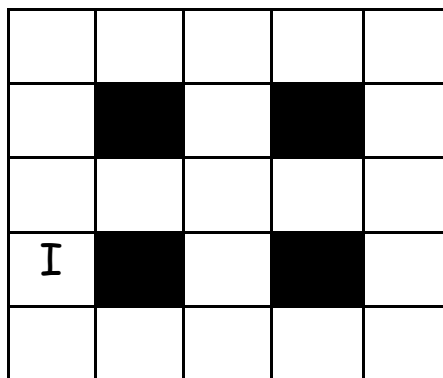
Reptiles

Choose the correct group for each of the words below. Write in the letter.

turnip _____ bugle _____ adder _____ drum _____ cress _____

snake _____ piano _____ onion _____ tortoise _____ guitar _____

46. Use all the given words to complete the crossword.

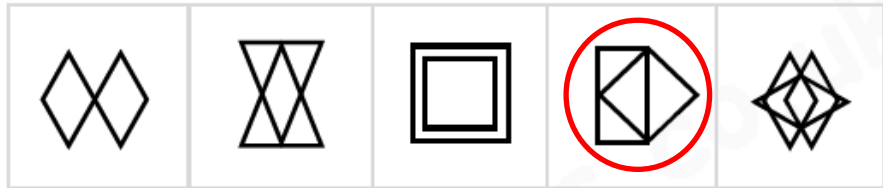


steps
needs
lapse
plain
apple
poles



Find the shape on the left in one of the patterns on the right.

Example:



A

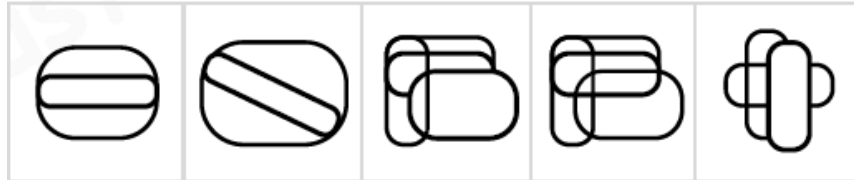
B

C

D

E

47.



A

B

C

D

E

48.



A

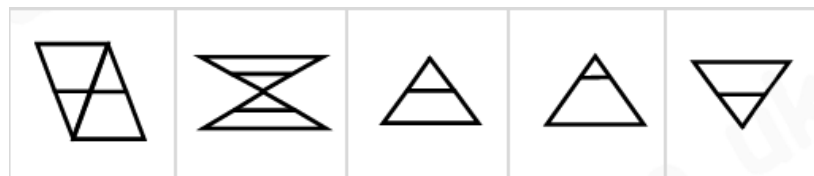
B

C

D

E

49.



A

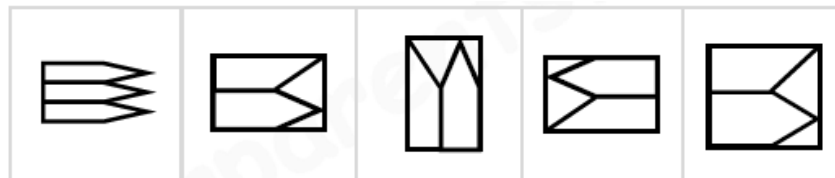
B

C

D

E

50.



A

B

C

D

E



Answer sheet for Paper 3

1	Book	26	A
2	Stick	27	C (9)
3	Perch	28	D (14)
4	Direct	29	A (2)
5	Bow	30	C (9)
6	Ore	31	Warm
7	Foal	32	Precise
8	Moat	33	Complicated
9	Crate	34	Hinder
10	Sour	35	Last
11	A	36	C
12	D	37	E
13	C	38	C
14	AK	39	E
15	TS	40	North-west
16	RP	41	Bandage
17	WR	42	Scarecrow
18	MQ	43	Button
19	Grain	44	Bargain
20	Full	45	Tearing
21	Nice	46	
22	Chopper	47	D
23	Field	48	E
24	B	49	E
25	D	50	B

