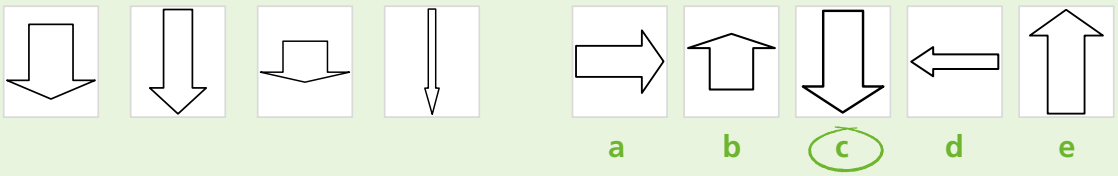
Similarities

Which picture on the right belongs to the group on the left? Circle the letter.

Example



Analogies

Which of the five pictures on the right goes with the third one to make a pair like the two on the left? Circle the letter.

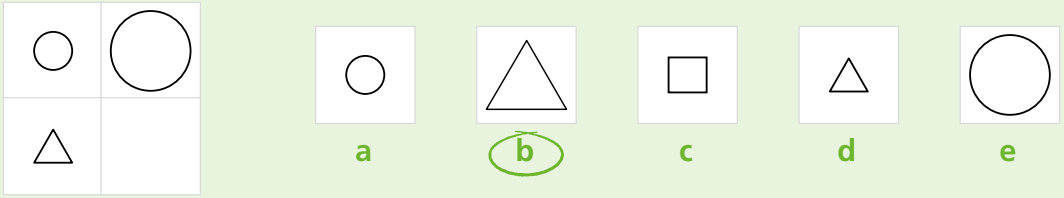
Example



Matrices

Which picture on the right best fits into the space in the grid? Circle the letter.

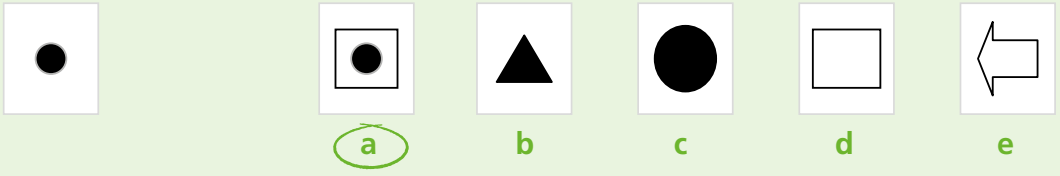
Example



Hidden pictures

In which picture on the right is the picture on the left hidden? Circle the letter.

Example



Odd ones out

Which picture is the odd one out? Circle the letter.

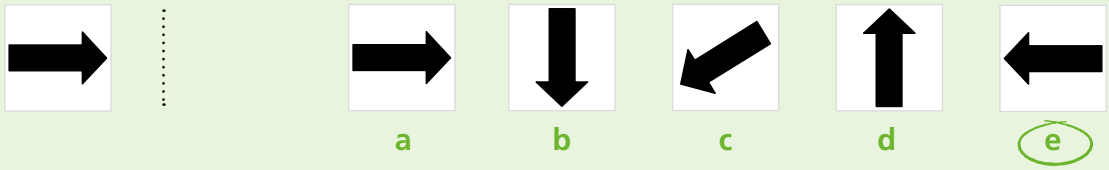
Example



Reflected pictures

Which picture on the right is a reflection of the picture on the left? Circle the letter.

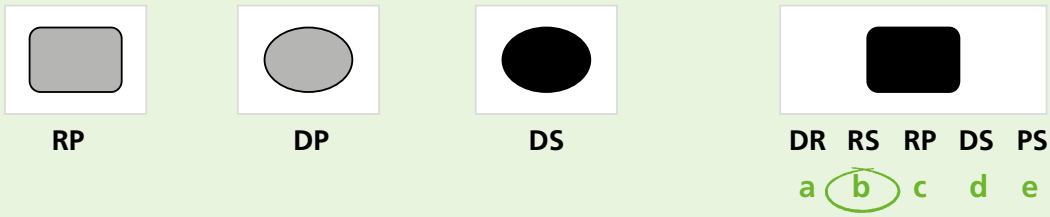
Example



Codes

What is the code of the final picture? Circle the letter.

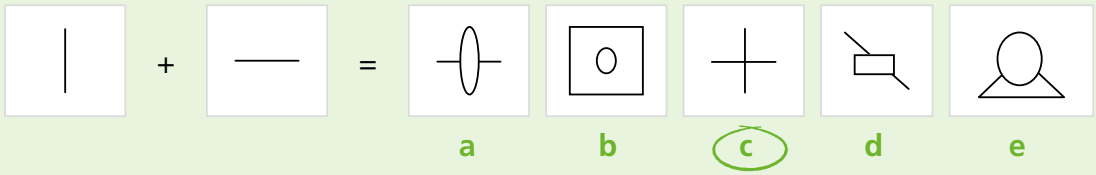
Example



Combined pictures

Which picture on the right can be made by combining the first two pictures? Circle the letter.

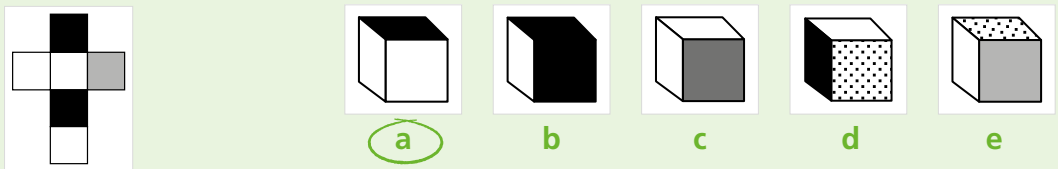
Example



Nets of cubes

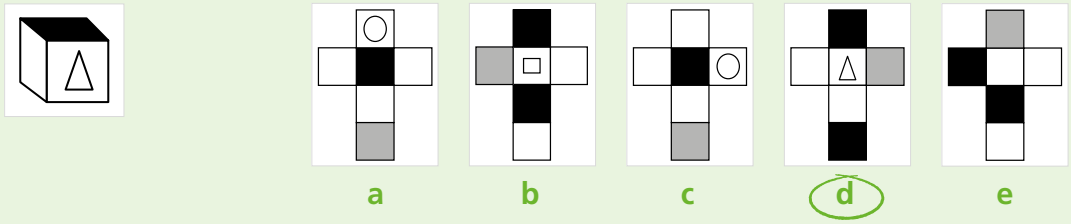
Which cube can be made exactly from the net? Circle the letter.

Example



Which net can be made exactly from the cube? Circle the letter.

Example



Series

Which picture on the right fits in the empty space? Circle the letter.

Example



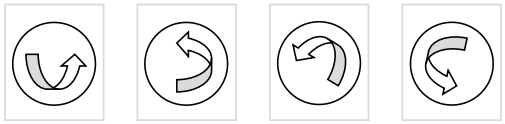
START HERE

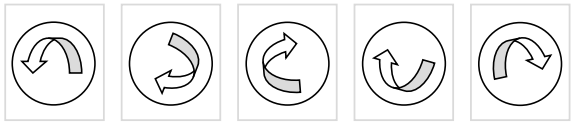
MARK
✓ OR ✗

Q. 1–5 Similarities

Which picture on the right belongs to the group on the left? Circle the letter.

1

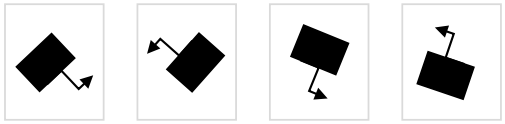


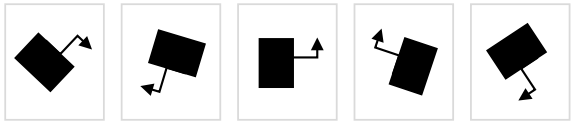


a b c d e

1 ☐

2

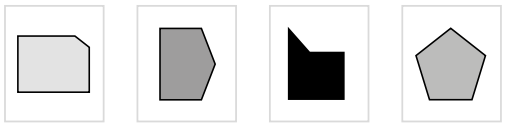




a b c d e

2 ☐

3

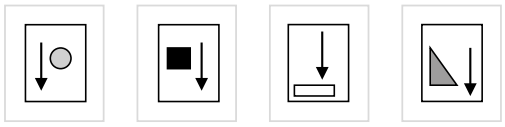




a b c d e

3 ☐

4

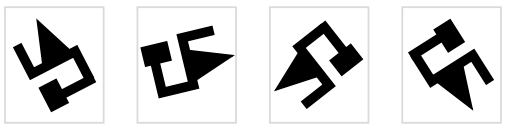




a b c d e

4 ☐

5





a b c d e

5 ☐

Q. 6–10 Odd ones out

Which picture is the odd one out? Circle the letter.

6



a b c d e

7



a b c d e

8



a b c d e

9



a b c d e

10



a b c d e

6 ☐
7 ☐
8 ☐
9 ☐
10 ☐

MARK ☐

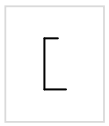
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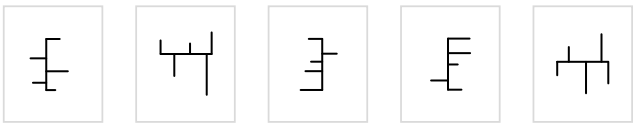
MARK
✓ OR ✗

Q. 11–15 Hidden pictures

In which picture on the right is the picture on the left hidden? Circle the letter.

11

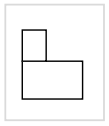


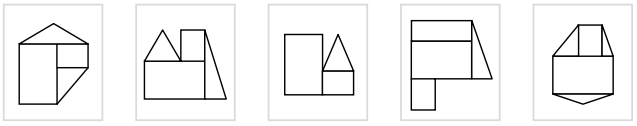


a b c d e

11 ☐

12

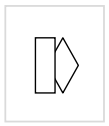




a b c d e

12 ☐

13

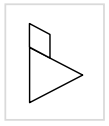


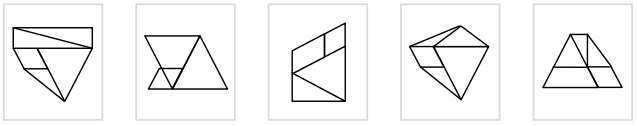


a b c d e

13 ☐

14

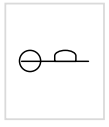


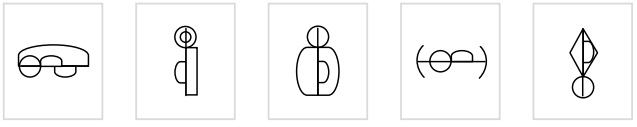


a b c d e

14 ☐

15





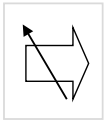
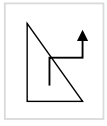
a b c d e

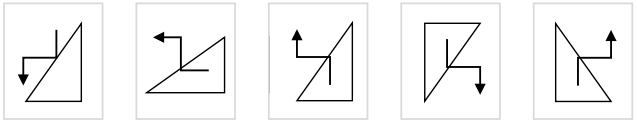
15 ☐

Q. 16–20 Analogies

Which of the five pictures on the right goes with the third one to make a pair like the two on the left? Circle the letter.

16

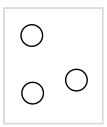
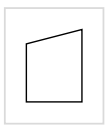
 is to  as  is to

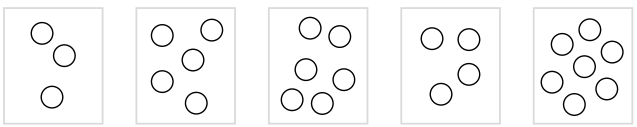


a b c d e

16 ☐

17

 is to  as  is to

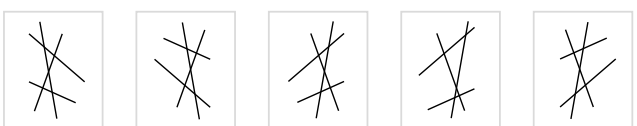


a b c d e

17 ☐

18

 is to  as  is to



a b c d e

18 ☐

MARK ☐

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MARK
✓ OR ✗

Which of the five pictures on the right goes with the third one to make a pair like the two on the left? Circle the letter.

19 

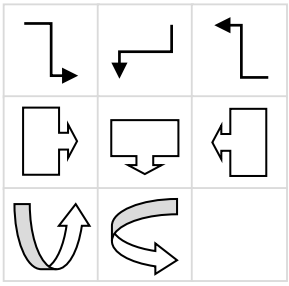
19 ☐

20 

20 ☐

Q. 21–25 Matrices

Which picture on the right best fits into the space in the grid? Circle the letter.

21 

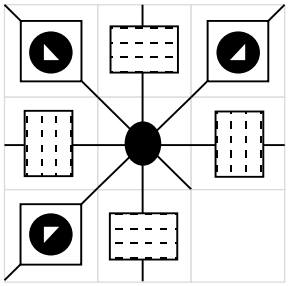


21 ☐

22 

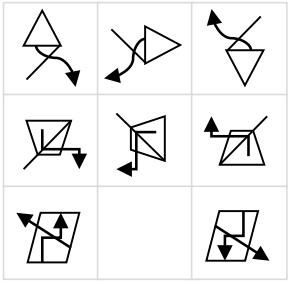


22 ☐

23 



23 ☐

24 



24 ☐

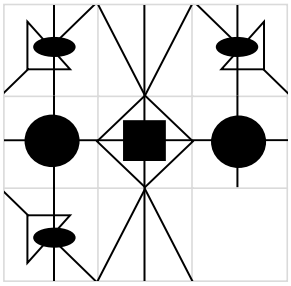
MARK ☐

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MARK
✓ OR ✗

Which picture on the right best fits into the space in the grid? Circle the letter.

25





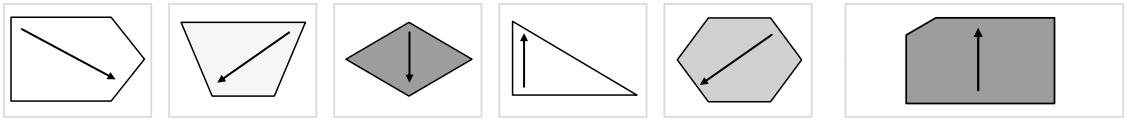
a b c d e

25 ☐

Q. 26–30 Codes

What is the code of the final picture? Circle the letter.

26

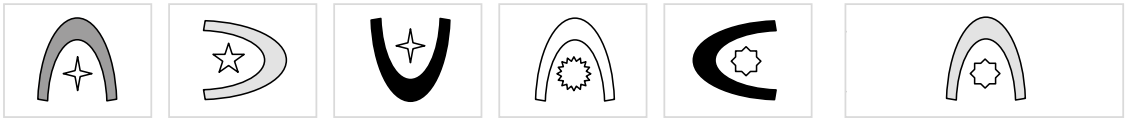


BC ZD ED YW ZH YC EW YD BD ZC

a b c d e

26 ☐

27



FB SC DB JK DG JG FK SG JC SK

a b c d e

27 ☐

28



HA RT WE HT MD HE RD MA HD MT

a b c d e

28 ☐

29



TM PK ZS NK PS TS NM ZK ZM NS

a b c d e

29 ☐

30



GB RD SB QW GH RB GD GW QD RW

a b c d e

30 ☐

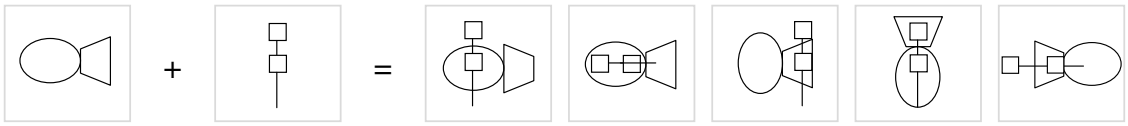
MARK

MARK
✓ OR ✗

Q. 31–35 Combined pictures

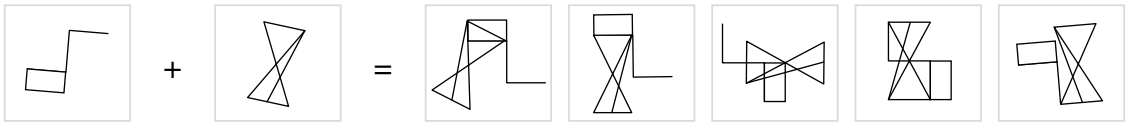
Which picture on the right can be made by combining the first two pictures? Circle the letter.

31



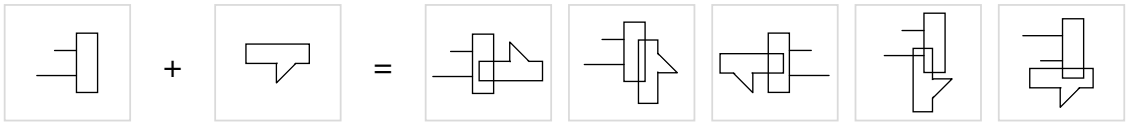
31 ☐

32



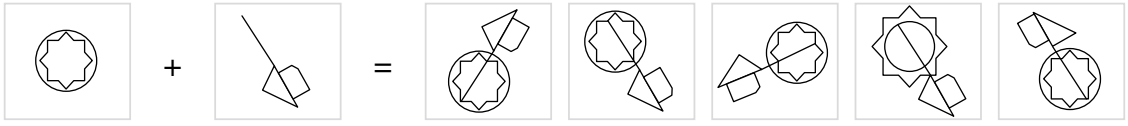
32 ☐

33



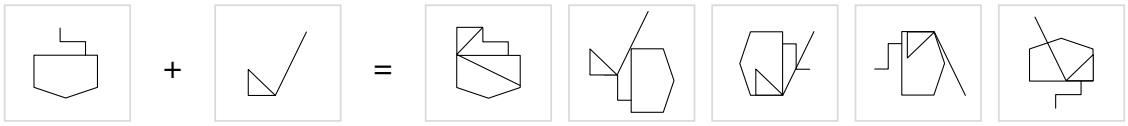
33 ☐

34



34 ☐

35

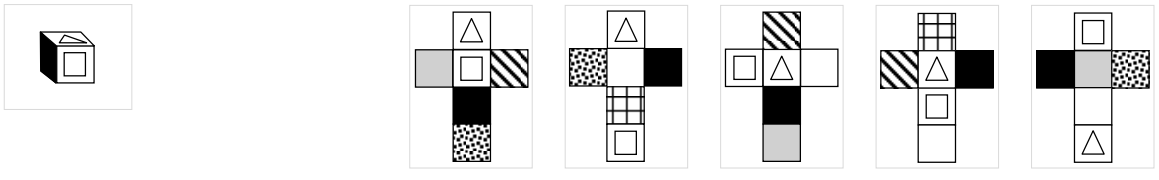


35 ☐

Q. 36–40 Nets of cubes

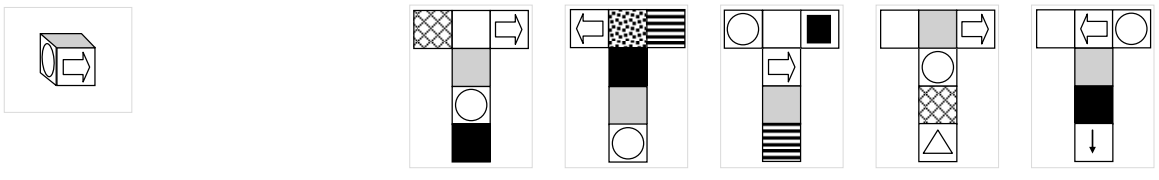
Which net can be made exactly from the cube? Circle the letter.

36



36 ☐

37



37 ☐

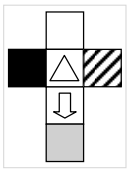
MARK ☐

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MARK
✓ OR ✗

Which cube can be made exactly from the net? Circle the letter.

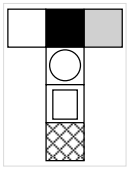
38



a  b  c  d  e 

38 ☐

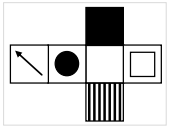
39



a  b  c  d  e 

39 ☐

40



a  b  c  d  e 

40 ☐

Q. 41–45 Series

Which picture on the right fits in the empty space? Circle the letter.

41



a  b  c  d  e 

41 ☐

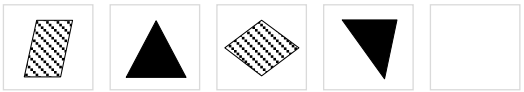
42



a  b  c  d  e 

42 ☐

43



a  b  c  d  e 

43 ☐

44



a  b  c  d e

44 ☐

45

a b c d e

45 ☐

MARK

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MARK
✓ OR ✗

Q. 46–50 Reflected pictures

Which picture on the right is a reflection of the picture on the left? Circle the letter.

46  .....

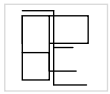
 a
 b
 c
 d
 e

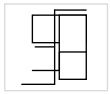
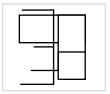
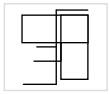
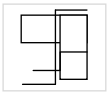
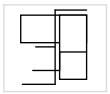
46 ☐

47  .....

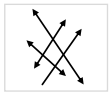
 a
 b
 c
 d
 e

47 ☐

48  .....

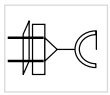
 a
 b
 c
 d
 e

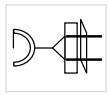
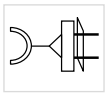
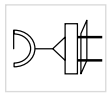
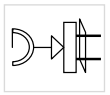
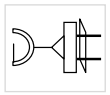
48 ☐

49  .....

 a
 b
 c
 d
 e

49 ☐

50  .....

 a
 b
 c
 d
 e

50 ☐

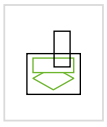
MARK ☐

END OF TEST

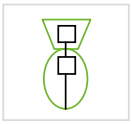
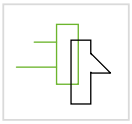
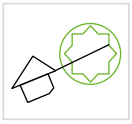
SAMPLE PAPER TOTAL MARK ☐

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Sample Paper

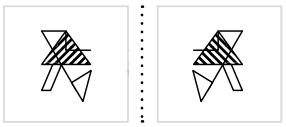
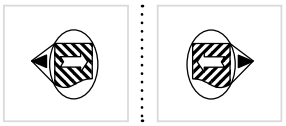
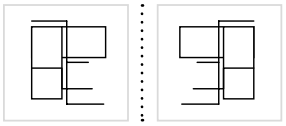
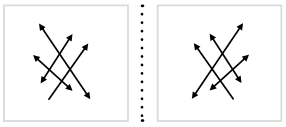
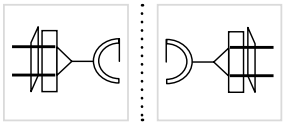
1 **a** Each picture contains an arrow turning in an anticlockwise direction.
2 **c** Each is a rotation of the same picture.
3 **b** Each picture contains a five-sided shape.
4 **e** Each picture contains an arrow pointing down.
5 **b** Each is a rotation of the same picture.
6 **a** The others are all rotations of the same picture.
7 **b** The others are all rotations of the same picture.
8 **d** The others are all rotations of the same picture.
9 **e** The others are all rotations of the same picture.
10 **d** The others are all rotations of the same picture.
11 **b** 
12 **a** 
13 **a** 
14 **b** 
15 **c** 
16 **c** reflection in the vertical mirror line
17 **d** same number of circles as sides of shape
18 **a** reflection in the vertical mirror line
19 **b** reflection in the vertical mirror line
20 **a** rotation 180°

Sample Paper – *continued*

21 **b** rotating 90° clockwise
22 **a** rotating 90° anticlockwise
23 **c** reflected corners
24 **e** rotating 90° clockwise
25 **b** reflected corners
26 **a** first letter – arrow direction
second letter – number of sides
27 **c** first letter – colour of arc
second letter – type of star
28 **c** first letter – colour of rectangle
second letter – position of oval
29 **d** first letter – number of lines
second letter – thickness of line
30 **e** first letter – fill pattern
second letter – number of sides
31 **d** 
32 **d** 
33 **b** 
34 **c** 
35 **a** 
36 **e**
37 **e**
38 **a**
39 **c**
40 **d**

If in doubt about the nets of cubes, copy them onto a piece of paper and fold them.

Sample Paper – *continued*

41 **b** rotating 90° clockwise
42 **c** colour lightens, number of sides increases by one
43 **a** alternating colour and number of sides
44 **e** lines rotate 45° anticlockwise, number of sides increases by one
45 **b** four lines added to the previous pattern
46 **b** 
47 **a** 
48 **e** 
49 **d** 
50 **a** 

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