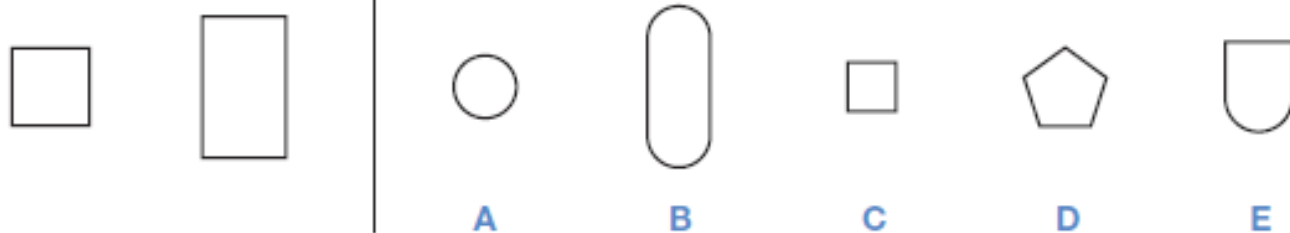


# FIND THE DIAGRAM LIKE THE FIRST TWO

On the left of the example below there are two figures that are alike. On the right there are five more figures: one of these is **most like** the two figures on the left and its letter has been marked on your answer sheet.

## Example

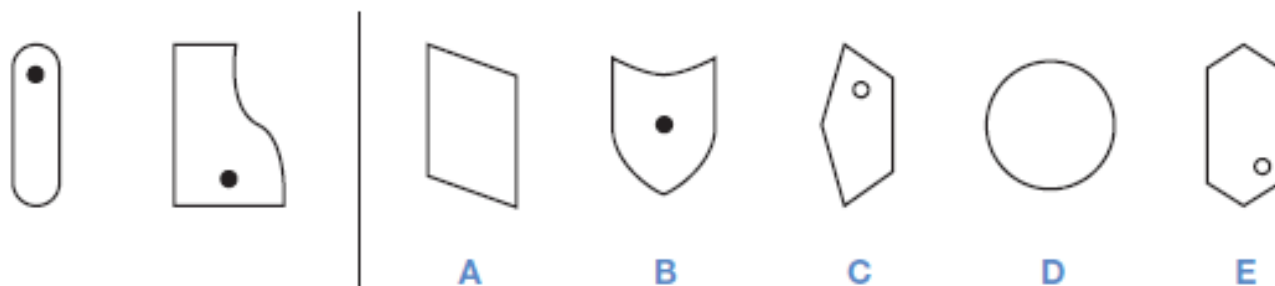


**Answer: C**

The two shapes on the left are alike in having four sides. They are not identical (the dimensions of the sides vary) but what they share in common is having four sides.

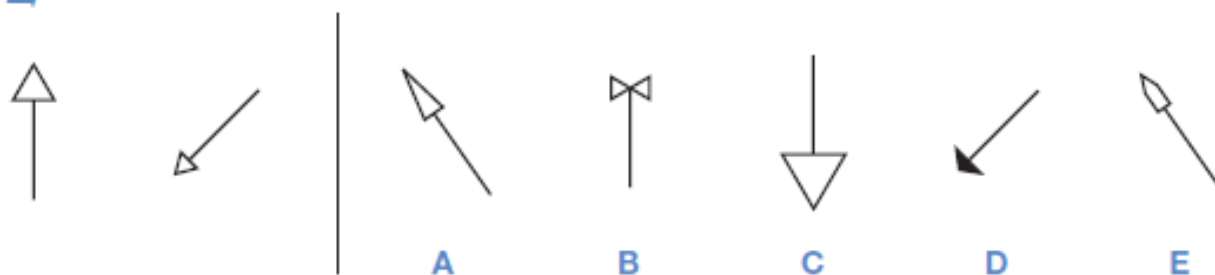
Now do the two practice questions below.

## P1



The two figures on the left both contain a small black circle. Only one of the five figures on the right, option **B**, also contains a small black circle, so this is the correct answer.

## P2



The two figures on the left have an arrow with an arrowhead which is an unshaded equilateral triangle (a triangle in which all three sides are equal). Only answer option **C** has an unshaded equilateral triangle as the arrowhead. The size of the arrowhead is irrelevant and so is the direction in which the arrow is pointing.

Practise using the answer grid to mark your answers to the questions below.

**SECTION 3**

**EXAMPLE**

A

B

C

D

E

**41**

A

B

C

D

E

**42**

A

B

C

D

E

**43**

A

B

C

D

E

**44**

A

B

C

D

E

**45**

A

B

C

D

E

**46**

A

B

C

D

E

**47**

A

B

C

D

E

**P1**

A

B

C

D

E

**P2**

A

B

C

D

E

**48**

A

B

C

D

E

**49**

A

B

C

D

E

**50**

A

B

C

D

E

**51**

A

B

C

D

E

**52**

A

B

C

D

E

**53**

A

B

C

D

E

**54**

A

B

C

D

E

**55**

A

B

C

D

E

**56**

A

B

C

D

E

**57**

A

B

C

D

E

**58**

A

B

C

D

E

**59**

A

B

C

D

E

**60**

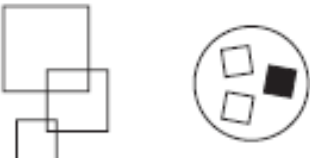


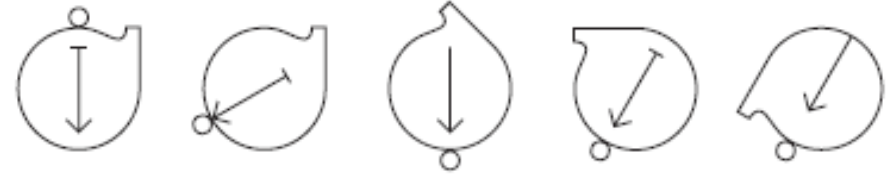

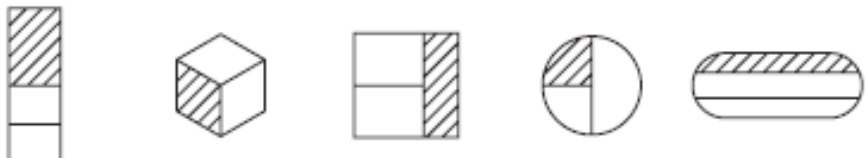
A

B

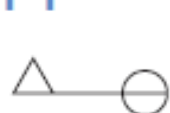
C

D

E

<p><b>41</b></p> 	 <p>A      B      C      D      E</p>
<p><b>42</b></p> 	 <p>A      B      C      D      E</p>
<p><b>43</b></p> 	 <p>A      B      C      D      E</p>

44



A



B



C

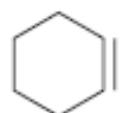


D

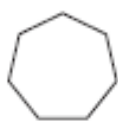


E

45



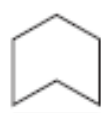
A



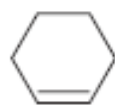
B



C



D



E

46



A



B



C

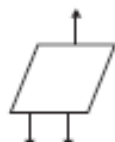
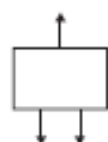


D



E

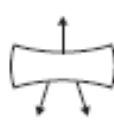
47



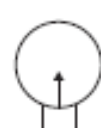
A



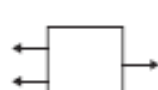
B



C



D



E

48



A



B



C



D



E

49



A



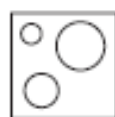
B



C



D



E

50



A



B



C



D



E

51



A



B



C

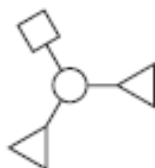
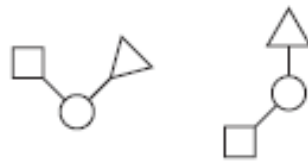


D



E

52



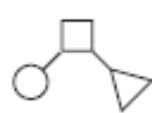
A



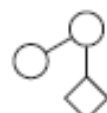
B



C



D



E

53



A



B



C

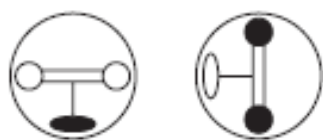


D



E

54



A



B



C



D



E

55



A



B



C



D



E

56



A



B



C



D



E

57



A



B



C



D



E

58



A



B



C



D



E

59



A



B



C



D

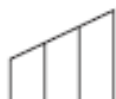


E

60



A



B



C



D

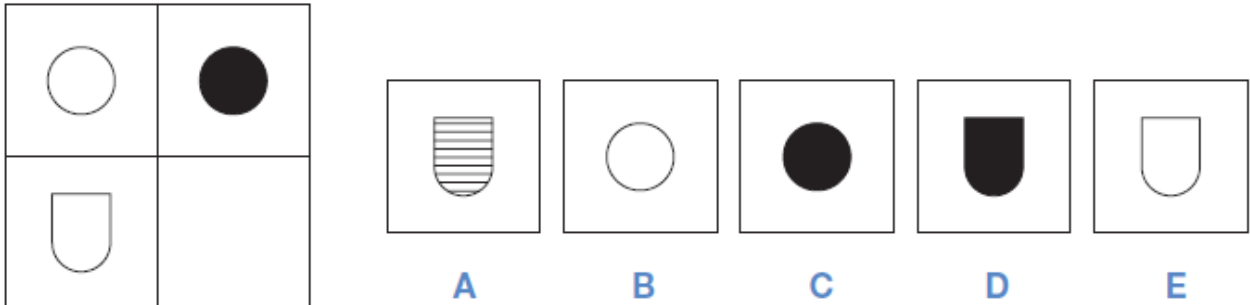


E

# Complete the Grid Style Questions

In the big square on the left of the example below, one of the small squares has been left empty. One of the five figures on the right should fill the empty square. Its letter has been marked on your answer sheet.

## Example

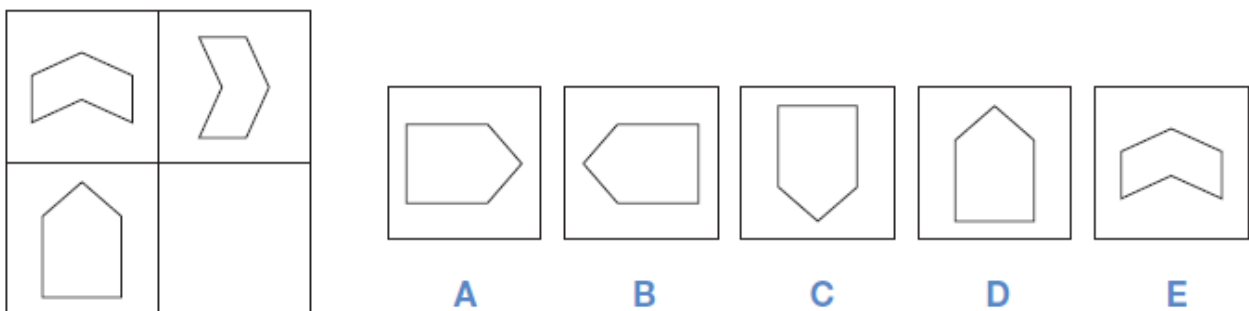


Answer: D

In the example above, the two shapes at the top are both the same, except that the circle on the left is white and the one on the right is black. In the bottom left, there is a white shield shape. To complete the pattern, the missing shape has to be a shield that is shaded black, so the correct answer must be **D**.

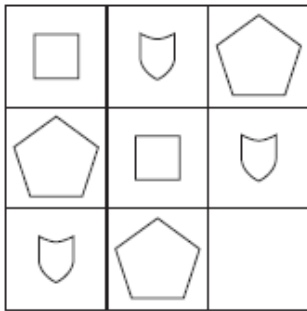
Now do the two practice questions below.

## P1

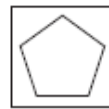


In this question, the shape in the top left is rotated  $90^\circ$  clockwise to produce the shape in the top right square. To complete the pattern in the same way, the shape in the bottom left square is also rotated  $90^\circ$  clockwise, so the correct answer must be **A**.

# P2



**A**



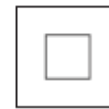
**B**



**C**



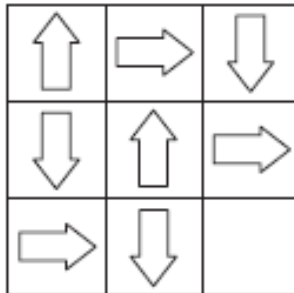
**D**



**E**

In this question, the three boxes presented either vertically or horizontally, contain a square, a pentagon and a shield. The same type of shape is always the same size. The bottom right box is blank. To complete the pattern in the same way the missing shape must be a square. We know that the square shapes must always be the same size, so the answer must be **E**.

21



**A**



**B**



**C**

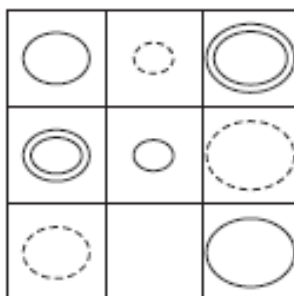


**D**



**E**

22



**A**



**B**



**C**

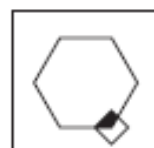
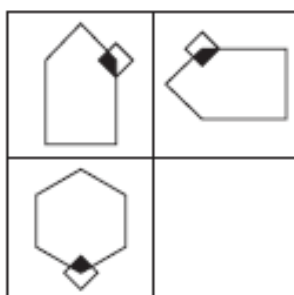


**D**

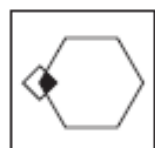


**E**

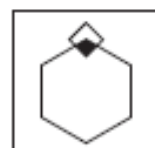
23



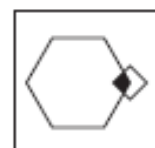
**A**



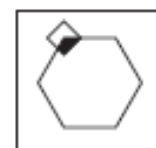
**B**



**C**



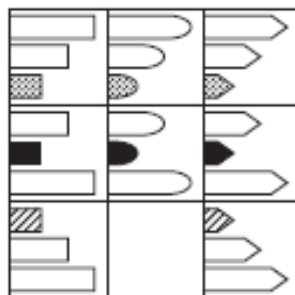
**D**



**E**



24



A



B



C

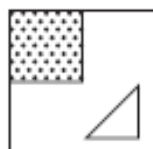
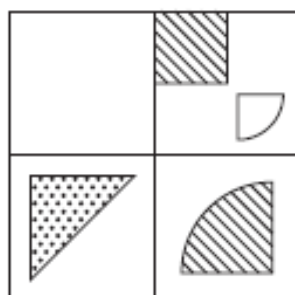


D



E

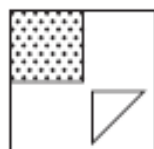
25



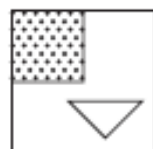
A



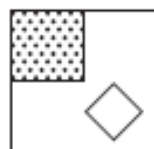
B



C

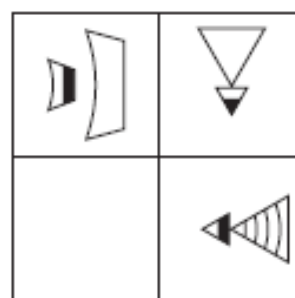


D



E

26



A



B



C

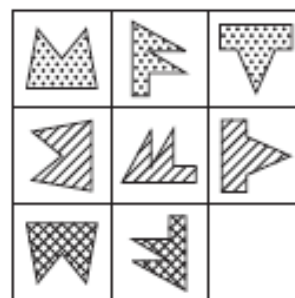


D



E

27



A



B



C

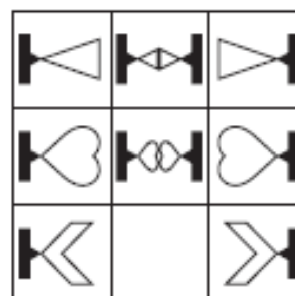


D



E

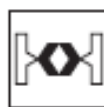
28



A



B



C

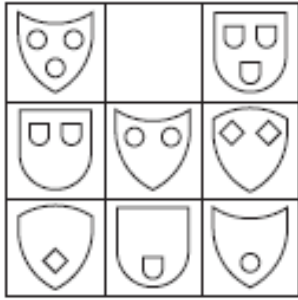


D



E

29



A



B



C

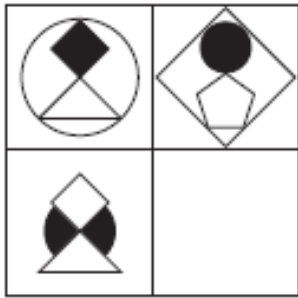


D



E

30



A



B



C

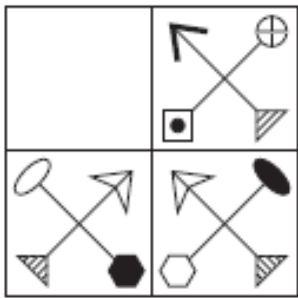


D



E

31



A



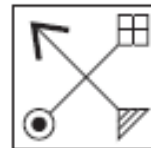
B



C

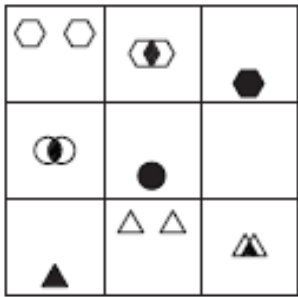


D

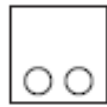


E

32



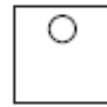
A



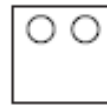
B



C

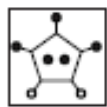
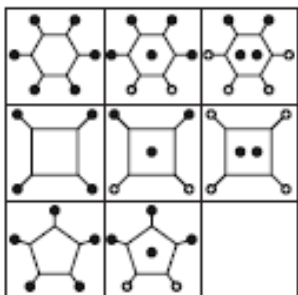


D



E

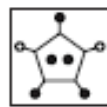
33



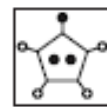
A



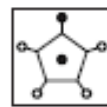
B



C

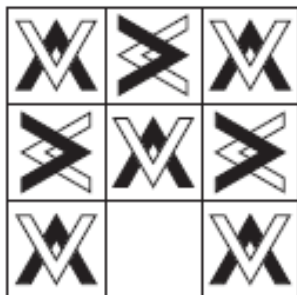


D



E

34



A



B



C

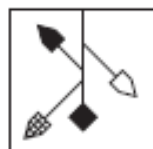
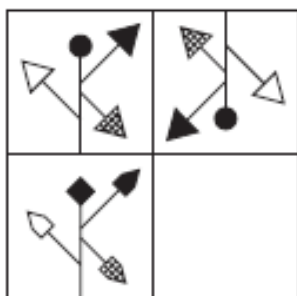


D

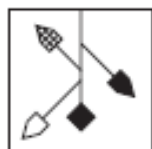


E

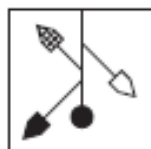
35



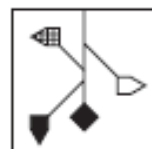
A



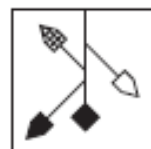
B



C

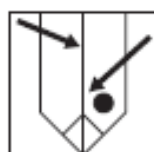
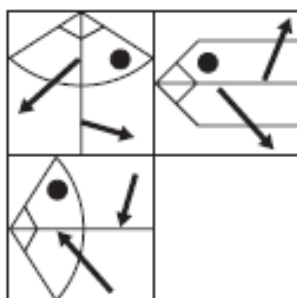


D



E

36



A



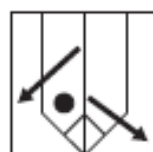
B



C

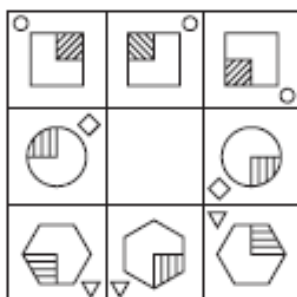


D



E

37



A



B



C

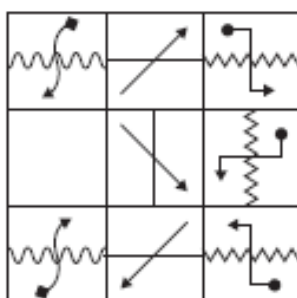


D



E

38



A



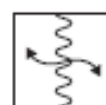
B



C

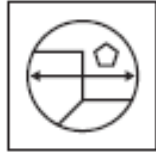
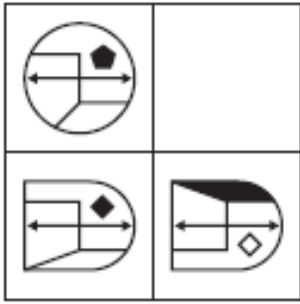


D



E

39



A



B



C

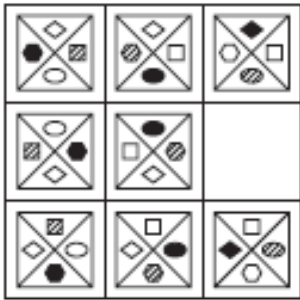


D



E

40



A



B



C



D



E