

# NON-VERBAL REASONING

# SERIES OF FIGURES

# Introduction:

Each of the following questions consists of five figures marked A, B, C, D and E called the **Problem Figures**, followed by five other figures marked 1, 2, 3, 4 and 5 called the **Answer Figures**.

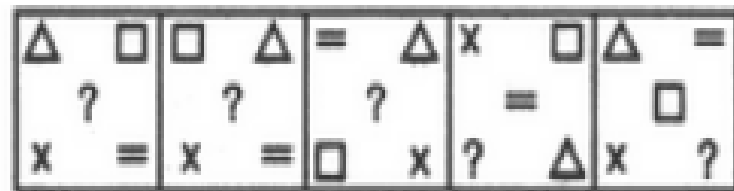
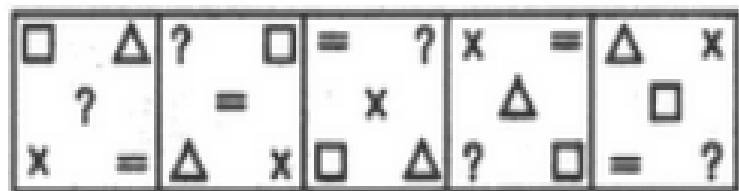
Select a figure from the Answer Figures which will continue the same series as established by the five Problem Figures.

# Question

Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

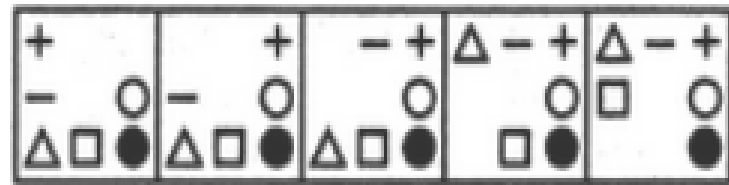
E. 5

- **Answer: Option B**

# Question

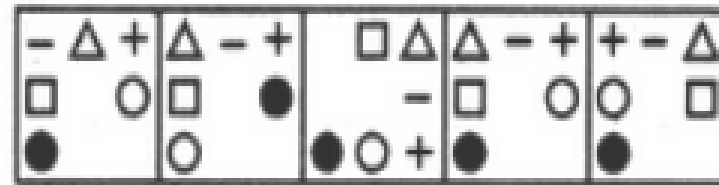
Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

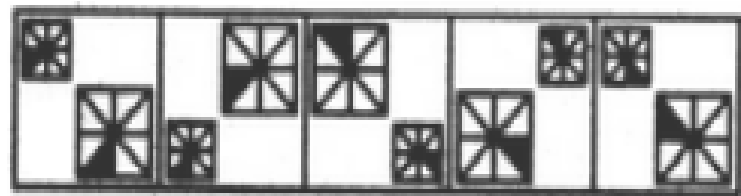
E. 5

- **Answer: Option D**
- **Explanation:**
- In each step, the CW-end element moves to the ACW-end position.

# Question

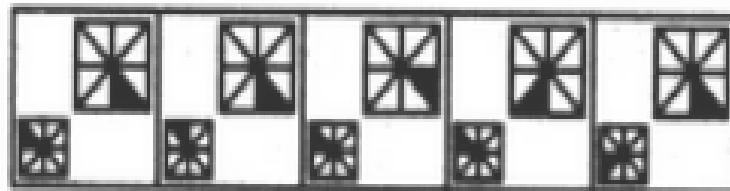
Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

Answer Figures:



A. 1

B. 2

C. 3

D. 4

E. 5



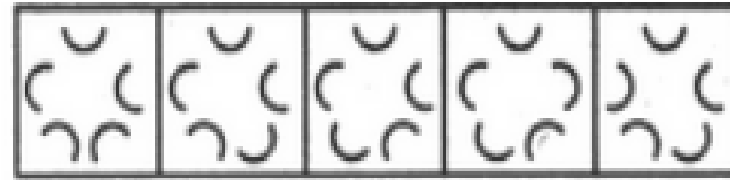
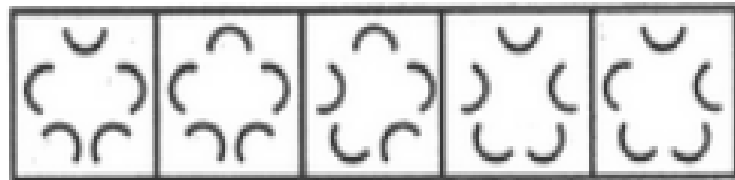
- **Answer:** Option **A**
- **Explanation:**
- Both the larger and the smaller squares move to the adjacent corner ACW in each turn. Also, the shading in the smaller square moves 1, 2, 3, 4, 5, ... steps ACW sequentially and the shading in the larger square moves 1, 2, 3, 4, 5,.... steps CW sequentially.

# Question

Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

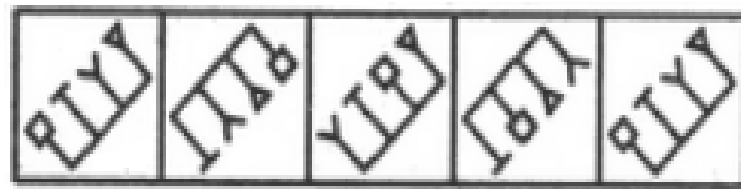
E. 5

- **Answer:** Option **A**
- **Explanation:**
- One, two, three, one, two, three.....arcs get inverted sequentially. This inversion takes place in an ACW direction.

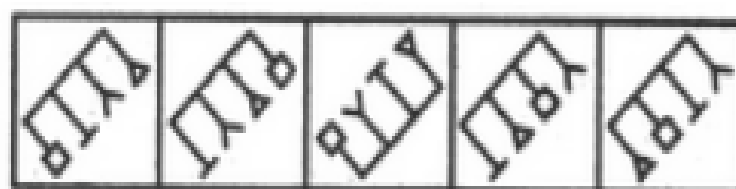
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Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

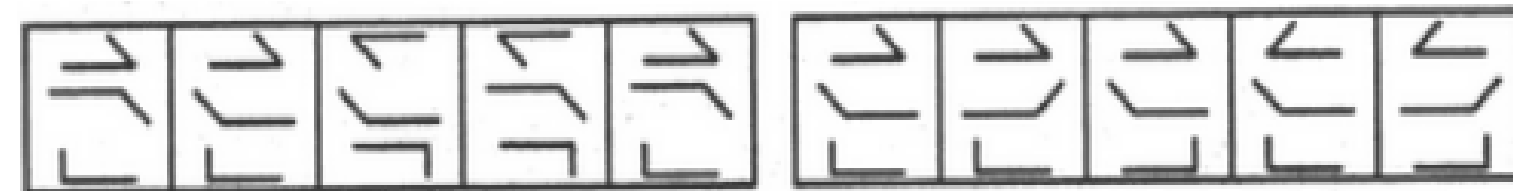
- **Answer: Option B**

# Question

Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

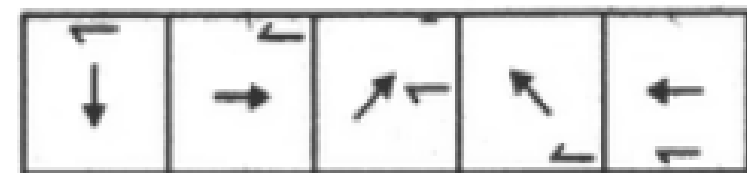
E. 5

- **Answer:** Option **A**
- **Explanation:**
- In One step, the middle element rotates through  $180^\circ$  and in the next step, the other two elements rotate through  $180^\circ$ . The two steps are repeated alternately.

# Question

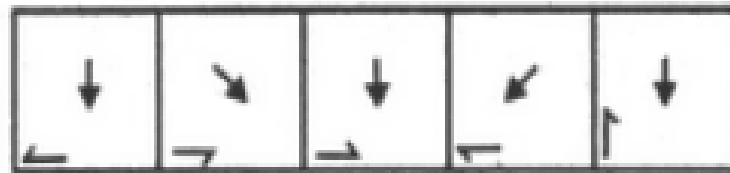
Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

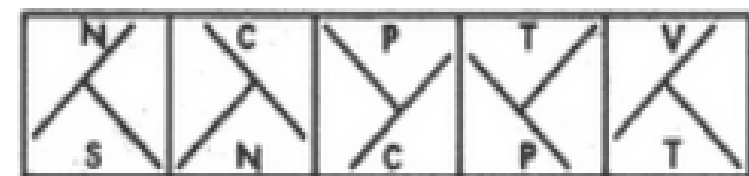


- **Answer:** Option **A**
- **Explanation:**
- The central arrow rotates  $90^\circ$ ACW and  $45^\circ$ CW alternately. The half-arrow moves half-a-side of the square boundary in a CW direction and its head turns to the other side of the line in each step.

# Question

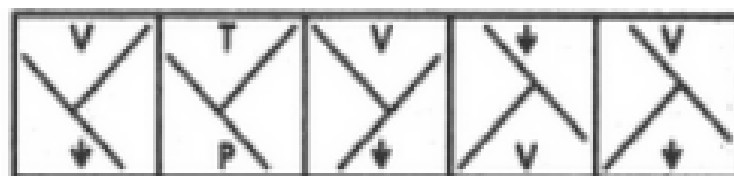
Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

Answer Figures:



A. 1

B. 2

C. 3

D. 4

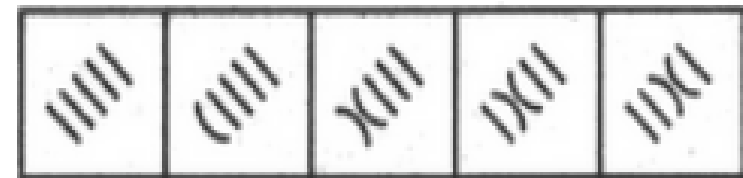
E. 5

- **Answer:** Option **D**
- **Explanation:**
- The 'T' shaped large element rotates  $90^\circ\text{CW}$  in each step. The two small symbols interchange positions and the symbol that reaches the upper position gets replaced by a new one.

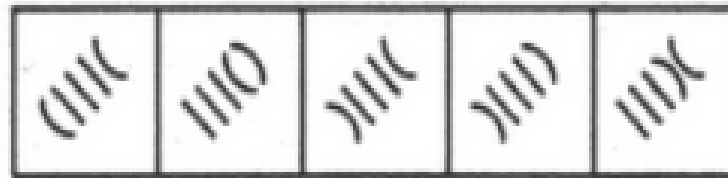
# Question

Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

- **Answer: Option E**

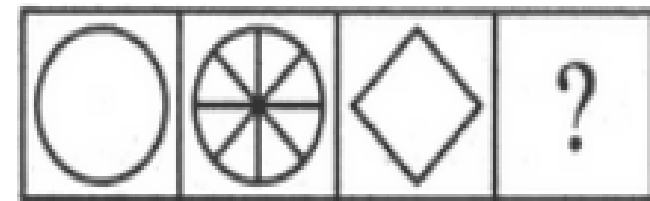
# ANALOGY OF FIGURES

- Each of the following questions consists of two sets of figures.
- Figures A, B, C and D constitute the Problem Set while figures 1, 2, 3, 4 and 5 constitute the Answer Set.
- There is a definite relationship between figures A and B.
- Establish a similar relationship between figures C and D by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig. (D).

# Question

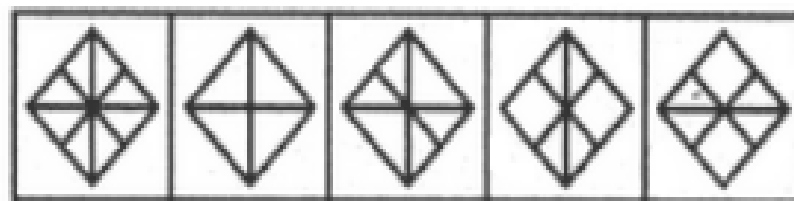
Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



(A) (B) (C) (D)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

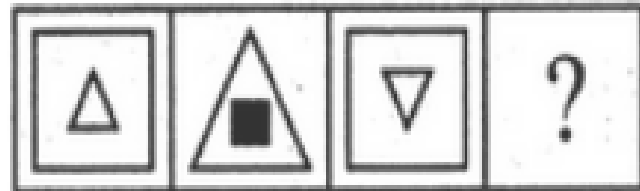


- **Answer:** Option A
- **Explanation:**
- The figure gets divided into eight equal parts.

# Question

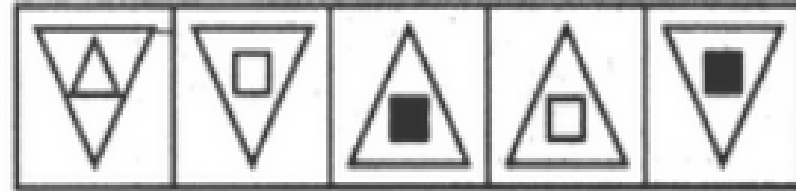
Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



(A) (B) (C) (D)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

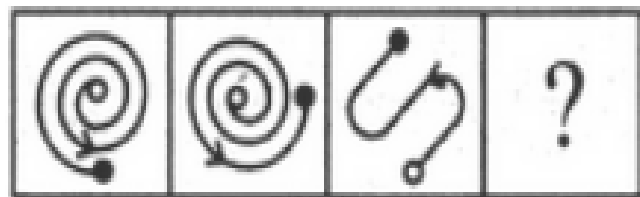
E. 5

- **Answer:** Option **E**
- **Explanation:**
- The inner element enlarges to become the outer element while the outer element reduces in size, turns black and becomes the inner element.

# Question

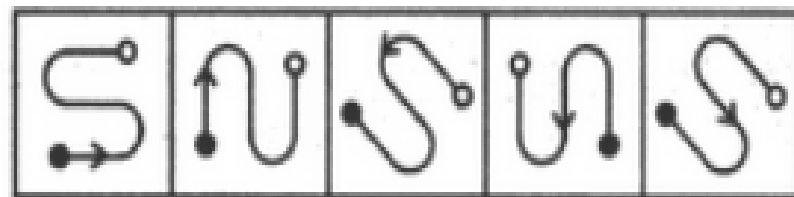
Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



(A) (B) (C) (D)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

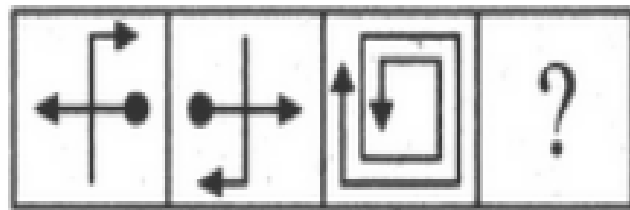
E. 5

- **Answer:** Option **E**
- **Explanation:**
- The figure rotates through  $90^\circ$  ACW and the arrowhead shifts closer to the black circle.

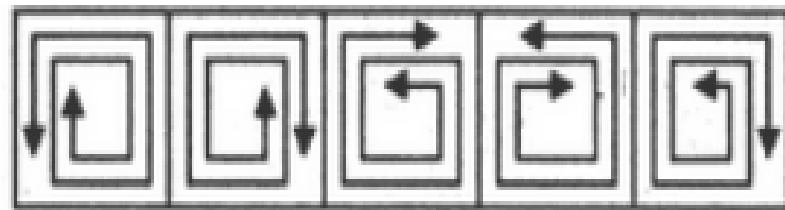
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Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



Answer Figures:



(A) (B) (C) (D)

(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

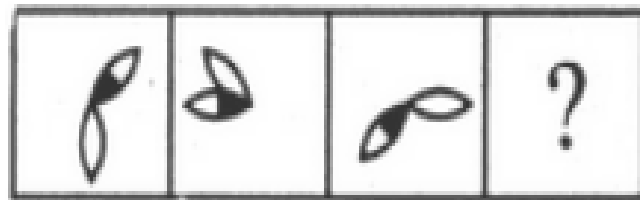
E. 5

- **Answer:** Option **B**
- **Explanation:**
- The figure gets rotated through  $180^\circ$ .

# Question

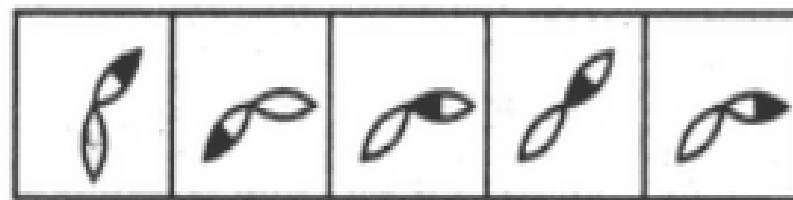
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Problem Figures:



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Answer Figures:



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C. 3

D. 4

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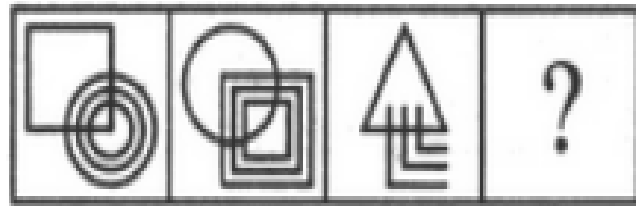


- **Answer: Option C**
- **Explanation:**
- The half-shaded leaf rotates  $135^{\circ}$ ACW and the unshaded leaf rotates  $135^{\circ}$ CW.

# Question

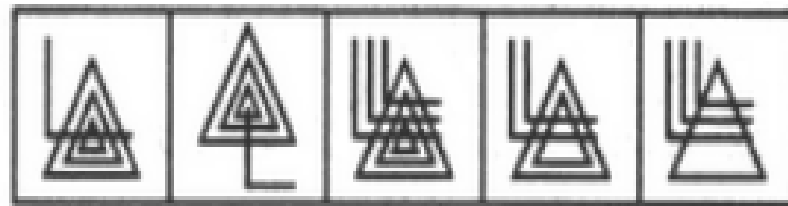
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Problem Figures:



(A) (B) (C) (D)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

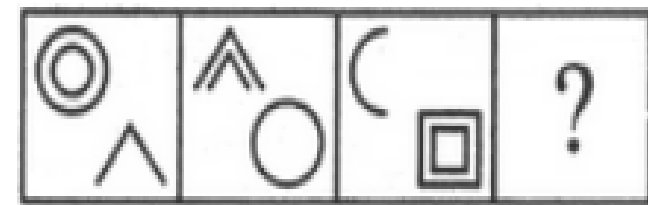
E. 5

- **Answer:** Option A
- **Explanation:**
- The upper element is converted to an element similar to the lower elements and each one of the lower elements is converted to an element similar to the upper element.

# Question

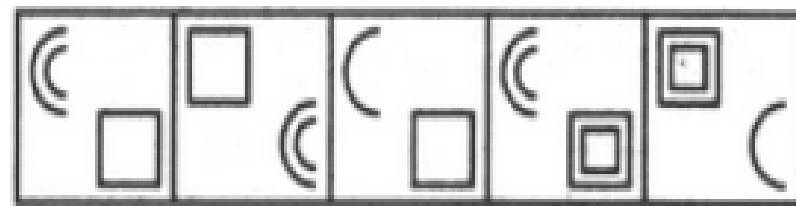
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Problem Figures:



(A) (B) (C) (D)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

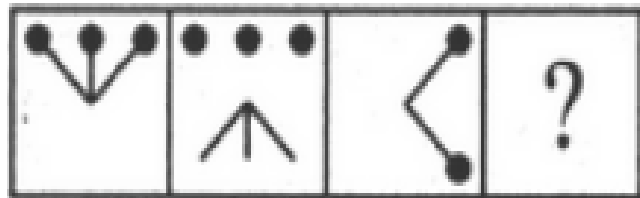
E. 5

- **Answer:** Option **B**
- **Explanation:**
- Each one of the upper elements is replaced by an element similar to the lower element(s) and each one of the lower elements is replaced by an element similar to the upper element(s).

# Question

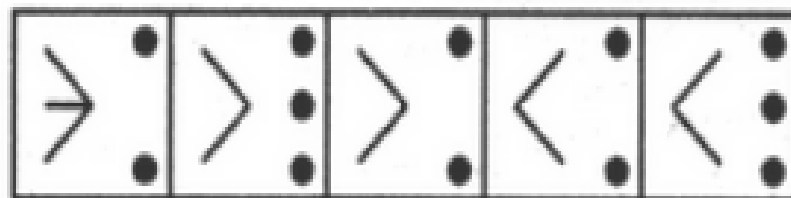
Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



(A) (B) (C) (D)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

- **Answer:** Option **C**
- **Explanation:**
- Except for the dots, the remaining part of the figure rotates through  $180^\circ$  and shifts to the opposite side of the square boundary.

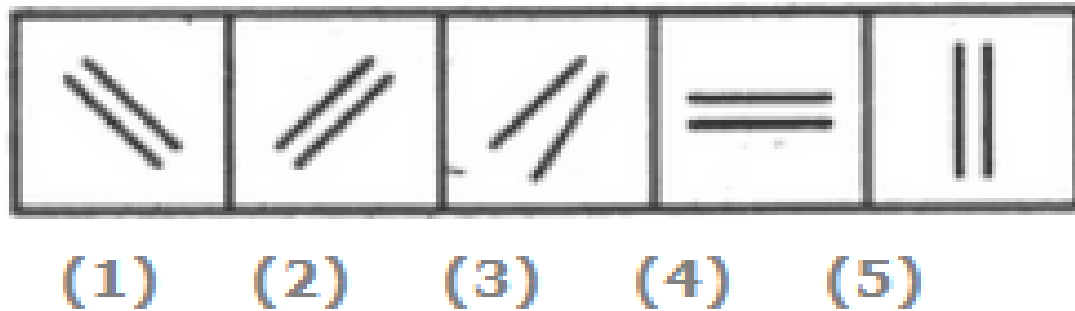
# CLASSIFICATION OF FIGURES



- In each problem, out of the five figures marked (1), (2), (3), (4) and (5), four are similar in a certain manner.
- However, one figure is not like the other four.
- Choose the figure which is different from the rest.

# Question

Choose the figure which is different from the rest.



A. 1

B. 2

C. 3

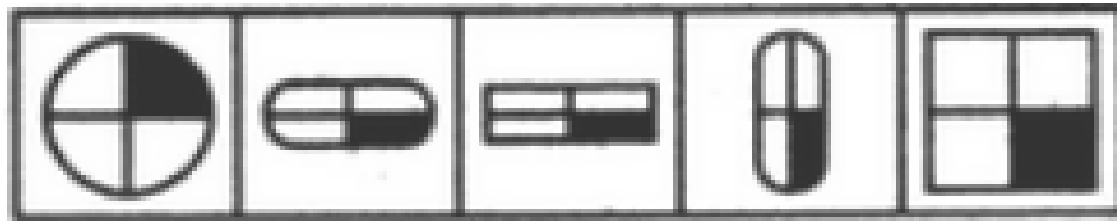
D. 4

E. 5

- **Answer: Option C**
- **Explanation:**
- In all other figures, the two line segments are parallel to each other.

# Question

Choose the figure which is different from the rest.



(1)      (2)      (3)      (4)      (5)

A. 1

B. 2

C. 3

D. 4

E. 5

- **Answer:** Option A
- **Explanation:**
- In all other figures, the lower-right quarter portion is shaded.

*THANK YOU*