

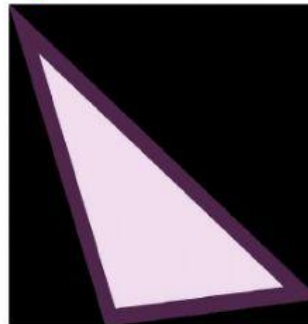
NAME

CLASS

ROLL NO

Instruction---Choose the correct option.

1 State whether the figure has rotational symmetry.If so, state the order of rotation and angle of rotation.



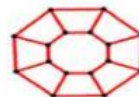
A Yes,order 3 and angle  $90^\circ$

B Yes,order 4 and angle  $90^\circ$

C Yes,order 2 and angle  $180^\circ$

D No,the figure does not have rotational symmetry.

2 State whether the figure rotational symmetry.If so state



the order of rotation and angle of rotation.

A Yes,order 8 and angle  $45^\circ$

B Yes,order 6 and angle  $60^\circ$

C Yes,order 4 and angle  $90^\circ$

D No,the figure does not have rotational symmetry.

3 State whether the figure has rotational symmetry.If so, state the order of rotation and angle of rotation.



A Yes,order 8 and angle  $45^\circ$

B Yes,order 4 and angle  $90^\circ$

C Yes,order 4 and angle  $180^\circ$

D No,the figure does not have rotational symmetry.

4 What is the order and angle of symmetry of a regular Hexagon?

A Yes,order 2 and angle  $180^\circ$

B Yes,order 3 and angle  $120^\circ$

C Yes,order 6 and angle  $60^\circ$

D Yes,order 12 and angle  $30^\circ$

5 The figure has rotational symmetry.State the order and angle of rotation.



- A 8; $60^\circ$
- B 8; $45^\circ$
- C 10; $45^\circ$
- D 10; $36^\circ$

6 The figure has rotational symmetry.State the order and



angle of rotation.

- A 5; $72^\circ$
- B 5; $45^\circ$
- C 6; $60^\circ$
- D 6; $72^\circ$

7 State whether the figure appears to have line symmetry.If so,how many lines of symmetry does it have?



- A Yes; 8 lines
- B Yes; 4 lines
- C Yes; 2 lines
- D This figure has no line of symmetry.

8 State whether the figure appears to have line symmetry.If so,how many lines of symmetry does It have?



- A Yes; 4 lines
- B Yes; 3 lines
- C Yes; 2 lines
- D This figure has no line of symmetry.

