## Part 3 Rotational Symmetry

1. 

Find the order of rotational symmetry in this shape.

A 4

B 2

C 5

D 3

2. Find the order of rotational symmetry in this shape.



A 1

B 4

C 3

D 2

3. 

What is the order of rotation in the recycling symbol?

A 2

B 1

C 1,000

D 3

4. 

What is the order of rotational symmetry for the shape below?

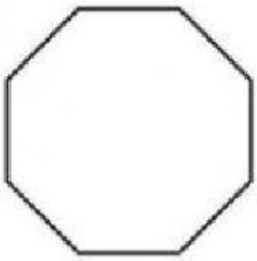
A 0

B 1

C 3

D 2

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5.  Find the order of rotational symmetry in this shape.

A 8

B 6

C 7

D 4

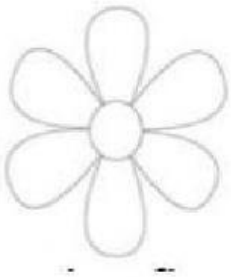
6.  What is the order of rotational symmetry for the shape below?

A 5

B 6

C 4

D 0

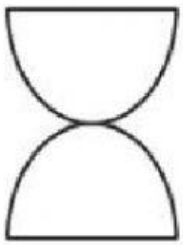
7.  What is the order of rotation of the flower?

A Order 4

B Order 6

C Order 3

D Order 5

8.  What is the order of rotational symmetry of the shape?

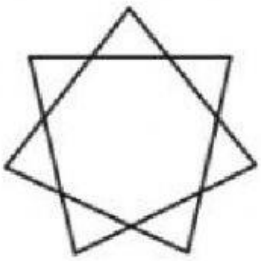
A 1

B 0

C 2

D 3

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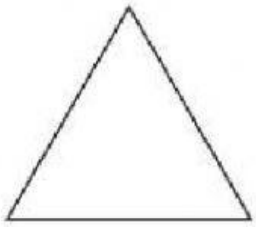
9.  What is the order of rotation of this shape?

A 5

B 8

C 6

D 7

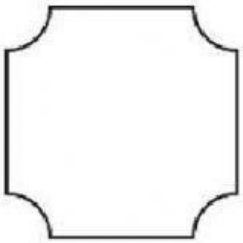
10.  Which one is the order of rotation of equilateral triangle?

A order 1

B order 3

C order 0

D order 2

11.  Which one is the order of rotational symmetry of the shape?

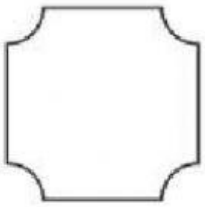
A 3

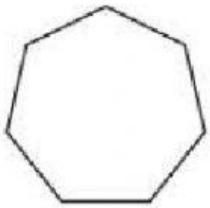
B 4

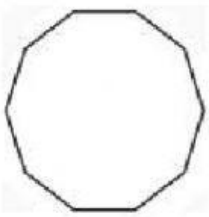
C 1

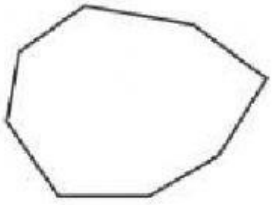
D 2

12. Which shape has the greatest order of rotational symmetry?

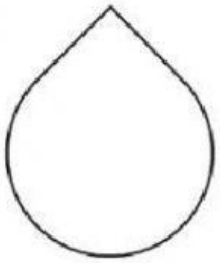
A 

B 

C 

D 

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13. 

Jamie claims that the shape has no order of rotational symmetry but has reflective symmetry.
Susan argues that the shape has an order of rotational symmetry because it fits exactly onto itself once in a complete turn.

Who is correct?

A Both are correct

B Both are wrong

C Jamie

D Susan

14. 

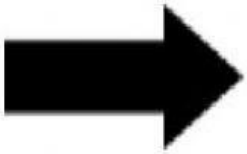
What order of rotation and angle of rotation does the picture have?

A Order = 1, 360º

B Order = 2, 180º

C Order = 3, 120º

D Order = 0, 360º

15. 

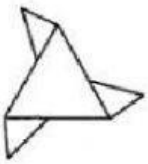
What order of rotation and angle of rotation does the picture have?

A Order = 3, 120º

B Order = 2, 180º

C Order = 1, 360º

D Order = 0, 360º

16. 

Determine if the figure has line, point, and/or rotational symmetry. Check all that apply.

A Rotational

B Line

C None

17. 

How many lines of symmetry does the picture have? (bottom of part of B is bigger than the top part)

A 4 lines of symmetry

B 0 lines of symmetry

C 2 lines of symmetry

D 1 line of symmetry

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