



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra and Geometry

Class: 7

Date: 20.07.20

Duration: 40 min

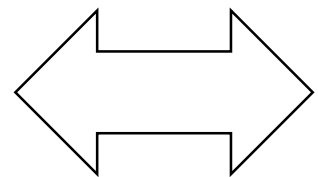
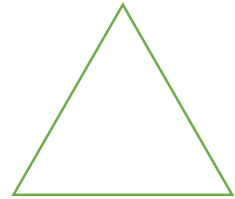
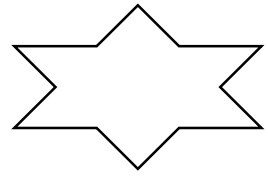
Worksheet Solution 57

Full Marks: 15

## SYMMETRY

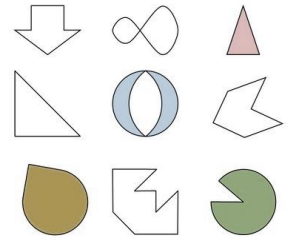
Choose the Correct options:

- How many lines of symmetry does this shape have?  
(a) 1  
(b) 2  
(c) 4  
**(d) 6**
- How many lines of symmetry does this shape have?  
(a) 1  
(b) 2  
(c) 3  
(d) 4
- How many lines of symmetry does the letter M have?  
(a) 1  
(b) 2  
(c) 3  
(d) 4
- How many lines of symmetry does this shape have?  
(a) 0  
**(b) 1**  
(c) 2  
(d) 4
- How many lines of symmetry does this shape have?  
(a) 2  
(b) 4  
**(c) 6**  
(d) 8
- How many lines of symmetry does this shape have?  
(a) 0  
(b) 1  
**(c) 2**  
(d) 4
- How many lines of symmetry does this shape have?  
(a) 2  
(b) 4  
(c) 6  
**(d) 8**
- How many lines of symmetry does this shape have?  
(a) 1  
(b) 2  
**(c) 4**  
(d) 8



9. How many of these shapes have EXACTLY ONE line of symmetry?

- (a) 0
- (b) 3
- (c) 6
- (d) 9**



10. How many shapes have MORE THAN ONE line of symmetry?

- (a) 6**
- (b) 3
- (c) 4
- (d) 2

11. How many lines of symmetry does an equilateral triangle have?

- (a) 3**
- (b) 6
- (c) 9
- (d) 12

12. Which of the following letters does not have a line symmetry, but has a rotational symmetry:

- (a) H
- (b) I
- (c) Z**
- (d) X

13. A quadrilateral having rotational symmetry, but no line symmetry is \_\_\_\_\_

- (a) Square
- (b) Rectangle
- (c) Parallelogram**
- (d) Rhombus

14. The order of rotational symmetry of a circle is \_\_\_\_\_

- (a) 1
- (b) 4
- (c) 2
- (d) Infinite**

15. The letter Z of the English alphabet has\_\_\_\_\_

- (a) No line of symmetry**
- (b) one line of symmetry
- (c) two lines of symmetry
- (d) Three lines of symmetry

