



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra and Geometry

Class: 7

Date: 07.11.20

Duration: 40 min

Worksheet 01

Full Marks: 15

Symmetry

Choose the Correct options:

- The number of letters in the word SNAIL that have symmetry is
 - 0
 - 1
 - 2
 - 3
- Which of the following does not have a line of symmetry?
 - C
 - 3
 - 69
 - O
- Which of the following has a line of symmetry?
 -
 - S
 - a parallelogram
 - a swastika
 - 8
- The order of rotational symmetry of an octagon is _____
 - 4
 - 6
 - 8
 - 2
- Which of the following letters does not have a line symmetry?
 - H
 - I
 - Z
 - X
- What is the number of lines of symmetry for a regular hexagon?
 - 2
 - 4
 - 6
 - 8
- What is the order of rotational symmetry for a regular hexagon?
 - 2
 - 4
 - 6
 - 8
- Which of these has infinite lines of symmetry and an infinite order rotational symmetry and a point symmetry?
 - semi circle
 - Ellipse
 - Circle
 - Parallelogram
- How many lines of symmetry are there in an equilateral triangle?
 - 0

- b. 1
 - c. 2
 - d. 3
10. How many lines of symmetry are there in a square?
- a. 4
 - b. 3
 - c. 2
 - d. 1
11. How many lines of symmetry are there in a rectangle?
- a. 3
 - b. 2
 - c. 1
 - d. 0
12. How many lines of symmetry are there in a regular pentagon?
- a. 1
 - b. 3
 - c. 5
 - d. 7
13. How many lines of symmetry are there in the letter M?
- a. 1
 - b. 2
 - c. 3
 - d. 4
14. How many lines of symmetry are there in a kite?
- a. 3
 - b. 2
 - c. 1
 - d. 0
15. How many lines of symmetry are there in a rhombus?
- a. 1
 - b. 2
 - c. 3
 - d. 4