



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Algebra and Geometry

Class: 7

Date: 07.11.20

Duration: 40 min

Worksheet Solution 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