



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

**CLASS 8**

**SUBJECT :Algebra & Geometry**

**Work sheet 3 answer key**

**Marks:15**

**Linear Symmetry**

**Date:14.11.2020**

**Answer all the following questions(1×15=15)**

1.A pentagon has \_\_\_\_\_ lines of symmetry

- A)3
- B)4
- C)5**
- D)-1

2.An equilateral triangle has \_\_\_\_\_ lines of symmetry

- A) 7/2
- B) 5
- C) 4
- D) 3**

3.A circle has \_\_\_\_\_ lines of symmetry

- A) Infinite**
- B) Finite
- C) 5
- D) 0

4.A square has \_\_\_\_\_ lines of symmetry

- A) 2
- B) 3
- C) 4**
- D) 5.2

5. \_\_\_\_\_ letter has line symmetry

A) S

B) J

C) P

**D) V**

6. \_\_\_\_\_ letter has no line symmetry

**A) N**

B) O

C) A

D) none of these

7. A semicircle has \_\_\_\_\_ line of symmetry

**A) 1**

B) 0

C) 5

D) 8

8. An isosceles triangle has \_\_\_\_\_ line of symmetry

A) 4

B) 3

**C) 1**

D) 2

9. \_\_\_\_\_ has 2 lines of symmetry

A) Square

**B) Rectangle**

C) Hexagon

D) Circle

10. A scalene triangle has \_\_\_\_\_ line of symmetry

**A) 0**

B) 1

C) 3

D) 5

11. A kite has \_\_\_\_\_ line of symmetry

**A) 1**

B) 2

C) 3

D) 4

12. An isosceles trapezium has \_\_\_\_\_ line of symmetry

A) 2

B) 0

**C) 1**

D) 4

13. The number of letters in the word SNAIL that have line symmetry

A) 0

B) 1

**C) 2**

D) 3

14. \_\_\_\_\_ letter has no line symmetry

A) X

B) T

C)U

**D) R**

15. \_\_\_\_\_ letter has line symmetry

A)L

**B)E**

C)F

D)none of these

**Indranil Ghosh**