



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

WORK SHEET - 1

CLASS -VI



**SUBJECT – ALGEBRA-GEOMETRY CHAPTER 12 – EXPONENTS**  
**TOPIC – Powers and Bases**

---

**F.M – 15**  
**DATE - 16.01.21**

Multiple choice questions : (Select the correct option)

- Power of 2 is called  
a) square b) cube c) triangle d) rectangle.
- Power of 3 is called  
a) square b) cube c) triangle d)rectangle.
- $8 = \underline{\quad}$  cube.  
a) 2 b) 3 c) 5 d) 7
- 4 to the power 5 is equal to \_\_\_\_\_  
a) 124 b) 1032 c)1024 d) 1000
- $3125 = 5$  to the power of \_\_\_\_\_.  
a) 4 b) 3 c) 2 d) 5
- $(-1)$  raised to an even positive integral power = \_\_\_\_\_.  
a) 1 b) -1 c) 0 d) 2
- $(-1)$  raised to an odd positive integral power = \_\_\_\_\_.  
a) 1 b) -1 c) 0 d) 2
- Minus X Minus = \_\_\_\_\_  
a) minus b) multiply c) plus d) divide.
- Write 5 as power of 5.  
a)  $5^2$  b)  $5^1$  c)  $5^3$  d) none of these.
- Write 25 as power of 5.  
a)  $5^2$  b)  $5^1$  c)  $5^3$  d) none of these.
- Write 125 as power of 5.

a)  $5^2$  b)  $5^1$  c)  $5^3$  d) none of these.

12. Find the value of  $5^5$

a) 3000 b) 3125 c) 4321 d) 5000

13. What is the exponent in  $15^6$

a) 1 b) 5 c) 6 d) 0

14. What is the base in  $8^{41}$

a) 8 b) 4 c) 1 d) 41

15. Find the value of  $2^3 + 3^4$

a) 80 b) 87 c) 89 d) 99

By – U James Riju