



**ST. LAWRENCE HIGH SCHOOL**  
**A Jesuit Christian Minority Institution**  
**WORK SHEET - 6**  
**CLASS -VI**



**SUBJECT – ALGEBRA-GEOMETRY CHAPTER 13 – FUNDAMENTAL CONCEPTS**  
**TOPIC – Symbols**

**DATE - 01.02.21**

Multiple choice questions : (Select the correct option)

- Letters may be used to represent \_\_\_\_ numbers.  
a) unknown b) known c) both a and b d) none of these.
- If  $x = 5$  and  $y = 2$  then find  $x + y$  .  
a) 7 b) 5 c) 3 d) none of these.
- If  $x = 5$  and  $y = 2$  then find  $x - y$  .  
a) 7 b) 5 c) 3 d) none of these.
- In algebra multiplication is indicated by placing a \_\_\_\_ between two symbols for numbers.  
a) line b) dot c) dash d) none of these.
- In algebra multiplication is indicated by enclosing one or both of the symbols in \_\_\_\_\_.  
a) parentheses b) linear c) ray d) none of these.
- ' $mn$ ' means  $m$  \_\_\_\_\_ by  $n$  .  
a) added b) multiplied c) both a and b d) none of these.
- ' $p/q$ ' means  $p$  \_\_\_\_\_ by  $q$ .  
a) added b) multiplied c) divided d) none of these.
- If  $x = 5$  and  $y = 2$  then find  $xy$  .  
a) 7 b) 5 c) 10 d) none of these.

Write each of the followings using symbols – ( 9 – 15 )

- The product of 13 and  $b$ .  
a)  $13 + b$  b)  $13/b$  c)  $13b$  d) none of these.
- $q$  divided by 5 .  
a)  $q/5$  b)  $5q$  c)  $q5$  d) none of these.

11. The sum of 4 and y.

a)  $4 + y$  b)  $4y$  c)  $4/y$  d) none of these.

12. 5 less than 6 times x.

a)  $6x$  b)  $6x5$  c)  $5x + 6$  d)  $6x - 5$

13. One fourth of a increased by the product of 8 and b. .

a)  $a/4 + 8b$  b)  $8ab$  c)  $4ab$  d) none of these.

14. 100 increased by the quotient of a and b.

a)  $100 - ab$  b)  $100 + a/b$  c)  $100ab$  d) none of these.

15. 4 times the sum of 34 and m.

a)  $4(50 - 5)$  b)  $34 m$  c)  $4(34 + m)$  d) none of these.

By – U James Riju