

## Maths Worksheet Class VIII

### Squares and Square Roots & Cubes and Cube Roots

1. There are \_\_\_\_\_ perfect squares between 1 and 100.
2. There are \_\_\_\_\_ perfect cubes between 1 and 1000.
3. The units digit in the square of 1294 is \_\_\_\_\_.
4. The square of 500 will have \_\_\_\_\_ zeroes.
5. There are \_\_\_\_\_ natural numbers between  $n^2$  and  $(n + 1)^2$ .
6. The square root of 24025 will have \_\_\_\_\_ digits.
7. The square of 5.5 is \_\_\_\_\_.
8. The square root of  $5.3 \times 5.3$  is \_\_\_\_\_.
9. The cube of 100 will have \_\_\_\_\_ zeroes.
10.  $1\text{m}^2 =$  \_\_\_\_\_  $\text{cm}^2$ .
11.  $1\text{m}^3 =$  \_\_\_\_\_  $\text{cm}^3$ .
12. Units digit in the cube of 38 is \_\_\_\_\_.
13. The square of 0.7 is \_\_\_\_\_.
14. The sum of first six odd natural numbers is \_\_\_\_\_.
15. The digit at the units place of 572 is \_\_\_\_\_.
16. The sides of a right triangle whose hypotenuse is 17cm are \_\_\_\_\_ and \_\_\_\_\_.
17. The cube of an odd number is always an \_\_\_\_\_ number.
18. The cube root of a number  $x$  is denoted by \_\_\_\_\_.
19. The least number by which 125 be multiplied to make it a perfect square is \_\_\_\_\_.
20. The least number by which 72 be multiplied to make it a perfect cube is \_\_\_\_\_.
21. The least number by which 72 be divided to make it a perfect cube is \_\_\_\_\_.
22. Cube of a number ending in 7 will end in the digit \_\_\_\_\_.