Square & Square Root Worksheet – 2

1. Number of zero in the end of square of 900 is _____.

a)   1   b)   2

c)   4   d)   None of these

2. If a number having digits _____in the unit's place, then its square ends with 9.

a)   1 or 9   b)   3 or 7

c)   4 or 9   d)   5 or 9

3. A number ending in _____is never a perfect square.

a)   1, 0, 4 or 5   b)   6, 9, 0 or 4

c)   2, 3, 7 or 8   d)   1,4,5 or,9

4. Number of non-square numbers between 21^2 and 22^2 is ____.

a)   43   b)   44

c)   34   d)   42

5. Square of an even number is always ____.

a)   Even   b)   Odd

c)   Both even and odd   d)   None of these

6. Square of odd number is always _____.

a)   Both odd and even   b)   None of these

c)   Even   d)   Odd

7. Find the smallest number by which 1012 should be multiplied to make it a perfect square.

a)   253   b)   234

c)   121   d)   251

8. Find the smallest number divisible by each one of the numbers 8, 12, 20.

a)   30   b)   96

c)   160   d)   24

9. The square of which of following numbers would be an odd number.

a)   3454   b)   733

c)   4208   d)   554

10. How many natural numbers are present between 91^2 and 92^2?

a)   184   b)   182

c)   180   d)   185

11. Find the sum without adding. 1+3+7+9+11+19+21+23+29.

a)   121   b)   64

c)   81   d)   101

12. Express 225 as the sum of 15 odd number.

a)   1+3+5+7+9+21+29+51

b)   1+3+7+17+9+29+17

c)   1+3+5+7+9+11+13+15+17+19+21+23+27+29+31

d)   1+5+7+9+11+17+19+23+31

13. Express 39^2 as the sum of two consecutive integers.

a)   759 + 760   b)   758 + 759

c)   758 + 759   d)   760+761

14. Find the square of 325 containing 5 as in unit's place.

a)   105625   b)   15625

c)   105525   d)   115625

15. Write a Pythagorean triplets whose one number is 20.

a)   20,100,101   b)   20, 101, 99

c)   98,81,20   d)   98,88.20

16. What will be the unit digit of the squares of the 95672.

a)   4   b)   2

c)   8   d)   6

17. The square of which of the following numbers would be an even number.

a)   2096   b)   273

c)   3267   d)   371

18. Find the smallest natural number by which 252 should be divided to make it a perfect square. And find the number whose square is the resulting number.

a)   3, 9   b)   6, 7

c)   7, 6   d)   6, 8

19. Find the greatest two digit which is a perfect square number.

a)   99   b)   81

c)   100   d)   121

20. Using prime factorisation find out which of the following numbers are perfect squares?

a)   2916   b)   343

c)   3543   d)   2048