

# WORK SHEET - I

CLASS - VIII

Dr. Virendra Swarup Education Centre, Shyam Nagar

## Evaluate:

1.  $\sqrt{576}$

2.  $\sqrt{1444}$

3.  $\sqrt{4489}$

4.  $\sqrt{6241}$

5.  $\sqrt{7056}$

6.  $\sqrt{9025}$

7.  $\sqrt{11449}$

8.  $\sqrt{14161}$

9.  $\sqrt{10404}$

10.  $\sqrt{17956}$

11.  $\sqrt{19600}$

12.  $\sqrt{92416}$

13. Find the least number which must be subtracted from 2509 to make it a perfect square.
14. Find the least number which must be subtracted from 7581 to obtain a perfect square. Find this perfect square and its square root.
15. Find the least number which must be added to 6203 to obtain a perfect square. Find this perfect square and its square root.
16. Find the least number which must be added to 8400 to obtain a perfect square. Find this perfect square and its square root.
17. Find the least number of four digits which is a perfect square. Also find the square root of the number so obtained.
18. Find the greatest number of five digits which is a perfect square. Also find the square root of the number so obtained.
19. The area of a square field is  $60025 \text{ m}^2$ . A man cycles along its boundary at 18 km/h. In how much time will he return to the starting point?