



1. Which of the following is not a perfect square?
(i) 36 (ii) 121 (iii) 1849 (iv) 255 (v) 900
2. If $\sqrt{7225} = 85$, find the value of $\sqrt{72250000}$
(i) 8498 (ii) 8502 (iii) 850 (iv) 8500 (v) 85000
3. The solution of $\sqrt{20}$ lies between
(i) 4.4721 and 4.4722 (ii) 4.4719 and 4.4720 (iii) 4.4722 and 4.4723 (iv) 4.4720 and 4.4721
(v) 4.4723 and 4.4724
4. If $\sqrt{4761} = 69$, find the value of $\sqrt{0.4761}$
(i) 6.9 (ii) 0.07 (iii) 0.69 (iv) 8.69 (v) 2.69
5. Find the square root of $\frac{9}{25}$
(i) $\frac{3}{5}$ (ii) 1 (iii) $\frac{3}{7}$ (iv) $\frac{1}{5}$
6. Which of the following is not a perfect cube?
(i) 512 (ii) 343 (iii) 729 (iv) 8 (v) 67
7. The solution of $\sqrt{7}$ lies between
(i) 2.643 and 2.644 (ii) 2.644 and 2.645 (iii) 2.645 and 2.646 (iv) 2.646 and 2.647 (v) 2.647 and 2.648
8. Find the square root of 997.500
(i) 30.583 (ii) 32.583 (iii) 33.583 (iv) 31.583 (v) 29.583
9. Find the greatest 3 digit number which is a perfect square?
(i) 964 (ii) 960 (iii) 962 (iv) 961 (v) 959
10. Find the greatest 4 digit number which is a perfect square?
(i) 9803 (ii) 9800 (iii) 9798 (iv) 9801 (v) 9802
11. The smallest number by which 27 must be multiplied so that the product is a perfect square is?
(i) 3 (ii) 4 (iii) 5 (iv) 2 (v) 1
12. Find the smallest perfect square which is divisible by each of the numbers 6,12,18
(i) 433 (ii) 38 (iii) 36 (iv) 72 (v) 216

13. Find the cube of 12

- (i) 1728 (ii) 1725 (iii) 1731 (iv) 147 (v) 144

14. Find the smallest 5 digit number which is a perfect square?

- (i) 10003 (ii) 9997 (iii) 9999 (iv) 10000 (v) 10001

15. Find the smallest 2 digit number which is a perfect square?

- (i) 17 (ii) 15 (iii) 19 (iv) 14 (v) 16

16. Find the cube root of $\frac{8}{27}$

- (i) 2 (ii) 0 (iii) $\frac{2}{3}$ (iv) $\frac{2}{5}$ (v) $\frac{4}{3}$

17. Find the smallest 4 digit number which is a perfect square?

- (i) 1025 (ii) 1024 (iii) 1022 (iv) 1027 (v) 1023

18. The smallest number by which 5324 must be divided so that the quotient is a perfect square is?

- (i) 14 (ii) 10 (iii) 12 (iv) 9 (v) 11

19. What is the unit place digit in the square of 21?

- (i) 9 (ii) 7 (iii) 4 (iv) 1 (v) 6

20. The smallest number by which 864 must be multiplied so that the product is a perfect cube is?

- (i) 3 (ii) 2 (iii) 4 (iv) 0 (v) 1

21. Find the square root of 5449.1510

- (i) 75.8184 (ii) 71.8184 (iii) 73.8184 (iv) 72.8184 (v) 74.8184

22. The solution of $\sqrt{3}$ lies between

- (i) 1 and 2 (ii) 0 and 1 (iii) 2 and 3 (iv) 3 and 4 (v) -1 and 0

23. Find the greatest 5 digit number which is a perfect square?

- (i) 99856 (ii) 99859 (iii) 99853 (iv) 99855 (v) 99857

24. Find the square root of 16

- (i) 5 (ii) 4 (iii) 2 (iv) 3 (v) 7

25. If $\sqrt{4225} = 65$, find the value of $\sqrt{42.25}$

- (i) 0.7 (ii) 6.5 (iii) 4.5 (iv) 8.5 (v) 65

Assignment Key

1) (iv)	2) (iv)	3) (i)	4) (iii)	5) (i)	6) (v)
7) (iii)	8) (iv)	9) (iv)	10) (iv)	11) (i)	12) (iii)
13) (i)	14) (iv)	15) (v)	16) (iii)	17) (ii)	18) (v)
19) (iv)	20) (ii)	21) (iii)	22) (i)	23) (i)	24) (ii)
25) (ii)					

Copyright © Small Systems Computing Pvt. Ltd.