



1. Find the value of $30^3 + 29^3$

- (i) 51388 (ii) 51392 (iii) 51390 (iv) 51389 (v) 51386

2. The solution of $\sqrt{7}$ lies between

- (i) 2.63 and 2.64 (ii) 2.64 and 2.65 (iii) 2.65 and 2.66 (iv) 2.66 and 2.67 (v) 2.62 and 2.63

3. Which of the following is not a perfect square?

- (i) 1681 (ii) 729 (iii) 324 (iv) 900 (v) 782

4. The smallest number by which 243 must be multiplied so that the product is a perfect cube is?

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

5. Find the square root of 63.40

- (i) 7.96 (ii) 6.96 (iii) 5.96 (iv) 9.96 (v) 8.96

6. The smallest number by which 128 must be divided so that the quotient is a perfect square is?

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

7. If $\sqrt{4356} = 66$, find the value of $\sqrt{43560000}$

- (i) 660 (ii) 6598 (iii) 6602 (iv) 6600 (v) 66000

8. Find the greatest 4 digit number which is a perfect square?

- (i) 9798 (ii) 9802 (iii) 9801 (iv) 9800 (v) 9803

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

- (i) 1026 (ii) 1025 (iii) 1021 (iv) 1024 (v) 1023

10. Find the square root of 832.600

- (i) 30.855 (ii) 26.855 (iii) 29.855 (iv) 28.855 (v) 27.855

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

- (i) 99856 (ii) 99859 (iii) 99854 (iv) 99857 (v) 99855

12. Find the square root of 4

- (i) 2 (ii) 1 (iii) 0 (iv) 3 (v) 5

13. Find the greatest 3 digit number which is a perfect square?

- (i) 958 (ii) 962 (iii) 960 (iv) 964 (v) 961

14. Find the smallest 3 digit number which is a perfect square?

- (i) 97 (ii) 103 (iii) 101 (iv) 100 (v) 99

15. Find the least number that must be subtracted from 1469 to get a perfect square?

- (i) 23 (ii) 26 (iii) 25 (iv) 24 (v) 27

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

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

17. Find the cube of 25

- (i) 15625 (ii) 15622 (iii) 15628 (iv) 628 (v) 625

18. What is the unit place digit in the square of 29?

- (i) 6 (ii) 8 (iii) 3 (iv) 1 (v) 2

19. The solution of $\sqrt{7}$ lies between

- (i) 2.7 and 2.8 (ii) 2.5 and 2.6 (iii) 2.8 and 2.9 (iv) 2.4 and 2.5 (v) 2.6 and 2.7

20. Find the cube root of 125

- (i) 5 (ii) 2 (iii) 4 (iv) 6 (v) 7

21. Find the square root of $\frac{1}{25}$

- (i) $(-\frac{1}{5})$ (ii) $\frac{1}{5}$ (iii) $\frac{1}{7}$ (iv) $\frac{1}{3}$ (v) $\frac{3}{5}$

22. Which of the following is a perfect cube?

- (i) 127 (ii) 1001 (iii) 8 (iv) 728 (v) 341

23. How many digits are there in the square root of 25921?

- (i) 3 (ii) 0 (iii) 4 (iv) 2 (v) 5

24. Which of the following is a perfect square?

- (i) 3 (ii) 79 (iii) 168 (iv) 324 (v) 197

25. How many digits are there in the square root of 5929?

- (i) 5 (ii) 2 (iii) 3 (iv) (-1) (v) 1

Assignment Key

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