



1. Find the square root of 4

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

2. Find the square root of $\frac{25}{9}$

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

3. Which of the following is a perfect square?

- (i) 1443 (ii) 785 (iii) 1087 (iv) 228 (v) 1600

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

- (i) 287 (ii) 1600 (iii) 1089 (iv) 841 (v) 2025

5. What is the unit place digit in the square of 50?

- (i) 0 (ii) 6 (iii) 7 (iv) 3 (v) 1

6. If a number has 1 zero at the end, its square has how many zeros?

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

7. Find the smallest perfect square which is divisible by each of the numbers 12, 8, 6

- (i) 144 (ii) 193 (iii) 288 (iv) 146

8. How many digits are there in the square root of 1225?

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

9. How many digits are there in the square root of 595984?

- (i) 1 (ii) 5 (iii) 4 (iv) 2 (v) 3

10. Find the least number that must be subtracted from 110 to get a perfect square?

- (i) 11 (ii) 10 (iii) 7 (iv) 12 (v) 9

11. Find the least number that must be added to 284 to get a perfect square?

- (i) 5 (ii) 3 (iii) 4 (iv) 8 (v) 6

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

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

13. Find the greatest 2 digit number which is a perfect square?

- (i) 83 (ii) 80 (iii) 81 (iv) 79 (v) 82

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

- (i) 98 (ii) 102 (iii) 100 (iv) 99 (v) 101

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

- (i) 961 (ii) 960 (iii) 962 (iv) 963 (v) 959

16. Find the square root of 93.60

- (i) 10.67 (ii) 11.67 (iii) 7.67 (iv) 9.67 (v) 8.67

17. Find the square root of 758.213

- (i) 27.536 (ii) 28.536 (iii) 26.536 (iv) 29.536 (v) 25.536

18. Find the square root of 4022.9293

- (i) 63.4266 (ii) 62.4266 (iii) 61.4266 (iv) 64.4266 (v) 65.4266

19. The smallest number by which 722 must be multiplied so that the product is a perfect square is?

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

20. The smallest number by which 6125 must be divided so that the quotient is a perfect square is?

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

21. $\sqrt{\frac{1}{4}}$ =

- (i) $(\frac{-1}{2})$ (ii) $\frac{3}{2}$ (iii) 1 (iv) $\frac{1}{2}$ (v) $\frac{1}{4}$

22. $\sqrt{1.6900}$ =

- (i) 1.2 (ii) 1.3 (iii) 1.4 (iv) 0.13 (v) 1.5

23. Simplify $\frac{\sqrt{16} - \sqrt{49}}{\sqrt{100} + \sqrt{36}}$ =

- (i) $(\frac{-5}{16})$ (ii) $(\frac{-3}{16})$ (iii) $(\frac{-3}{14})$ (iv) $(\frac{-1}{16})$ (v) $(\frac{-1}{6})$

Assignment Key

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