



1. Which of the following is a perfect square?  
(i) 362 (ii) 193 (iii) 1023 (iv) 1158 (v) 2500
2. Which of the following is not a perfect square?  
(i) 9 (ii) 196 (iii) 625 (iv) 36 (v) 224
3. What is the unit place digit in the square of 30?  
(i) 2 (ii) 7 (iii) 6 (iv) 1 (v) 0
4. Find the number of numbers between  $16^2$  and  $17^2$   
(i) 29 (ii) 33 (iii) 35 (iv) 32 (v) 31
5. Find the smallest perfect square which is divisible by each of the numbers 12,16,14  
(i) 14112 (ii) 4032 (iii) 5377 (iv) 7056 (v) 7058
6. How many digits are there in the square root of 2500?  
(i) 5 (ii) 1 (iii) 3 (iv) 0 (v) 2
7. How many digits are there in the square root of 863041?  
(i) 5 (ii) 4 (iii) 3 (iv) 2 (v) 0
8. Find the least number that must be subtracted from 1697 to get a perfect square?  
(i) 16 (ii) 15 (iii) 19 (iv) 17 (v) 14
9. Find the least number that must be added to 463 to get a perfect square?  
(i) 24 (ii) 22 (iii) 18 (iv) 20 (v) 21
10. Find the smallest 2 digit number which is a perfect square?  
(i) 17 (ii) 15 (iii) 16 (iv) 19 (v) 13
11. Find the greatest 2 digit number which is a perfect square?  
(i) 82 (ii) 84 (iii) 81 (iv) 79 (v) 80
12. Find the smallest 3 digit number which is a perfect square?  
(i) 99 (ii) 100 (iii) 97 (iv) 101 (v) 103
13. Find the greatest 3 digit number which is a perfect square?  
(i) 961 (ii) 958 (iii) 960 (iv) 962 (v) 963
14. Find the smallest 4 digit number which is a perfect square?  
(i) 1024 (ii) 1025 (iii) 1022 (iv) 1023 (v) 1026

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

- (i) 9800 (ii) 9801 (iii) 9802 (iv) 9799 (v) 9804

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

- (i) 9998 (ii) 10003 (iii) 10000 (iv) 10001 (v) 9999

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

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

18. The smallest number by which 48 must be multiplied so that the product is a perfect square is?

- (i) 2 (ii) 3 (iii) 6 (iv) 4 (v) 0

19. The smallest number by which 2187 must be divided so that the quotient is a perfect square is?

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

20. If a number has 4 zeros at the end, its square has how many zeros?

- (i) 9 (ii) 10 (iii) 7 (iv) 5 (v) 8

21. Find the square root of 9

- (i) 1 (ii) 4 (iii) 3 (iv) 6 (v) 2

22. Find the square root of  $\frac{1}{9}$

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

## Assignment Key

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