



1. Which of the following is a perfect square?
(i) 1679 (ii) 360 (iii) 84 (iv) 170 (v) 81
2. Which of the following is not a perfect square?
(i) 1681 (ii) 289 (iii) 2209 (iv) 441 (v) 14
3. Find the number of numbers between 12^2 and 13^2
(i) 23 (ii) 25 (iii) 21 (iv) 24 (v) 27
4. Find the smallest perfect square which is divisible by each of the numbers 18,4,9
(i) 38 (ii) 72 (iii) 145 (iv) 36 (v) 648
5. How many digits are there in the square root of 4489?
(i) 1 (ii) (-1) (iii) 3 (iv) 5 (v) 2
6. How many digits are there in the square root of 28561?
(i) 4 (ii) 3 (iii) 2 (iv) 6 (v) 1
7. Find the least number that must be subtracted from 499 to get a perfect square?
(i) 13 (ii) 15 (iii) 14 (iv) 17 (v) 16
8. Find the least number that must be added to 1279 to get a perfect square?
(i) 15 (ii) 17 (iii) 18 (iv) 19 (v) 16
9. Find the smallest 2 digit number which is a perfect square?
(i) 16 (ii) 13 (iii) 18 (iv) 17 (v) 15
10. Find the greatest 2 digit number which is a perfect square?
(i) 78 (ii) 83 (iii) 80 (iv) 82 (v) 81
11. Find the smallest 3 digit number which is a perfect square?
(i) 100 (ii) 102 (iii) 99 (iv) 97 (v) 101
12. Find the greatest 3 digit number which is a perfect square?
(i) 959 (ii) 961 (iii) 963 (iv) 960 (v) 962
13. Find the smallest 4 digit number which is a perfect square?
(i) 1023 (ii) 1025 (iii) 1021 (iv) 1026 (v) 1024
14. Find the greatest 4 digit number which is a perfect square?
(i) 9801 (ii) 9802 (iii) 9798 (iv) 9804 (v) 9800

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

- (i) 9999 (ii) 10001 (iii) 9997 (iv) 10000 (v) 10002

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

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

17. Express 3^2 as the sum of two consecutive integers

- (i) 2 + 7 (ii) 6 + 3 (iii) 5 + 6 (iv) 4 + 5 (v) 3 + 4

18. The smallest number by which 320 must be multiplied so that the product is a perfect square is?

- (i) 6 (ii) 8 (iii) 5 (iv) 4 (v) 2

19. The smallest number by which 1352 must be divided so that the quotient is a perfect square is?

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

20. What is the unit place digit in the square of 40?

- (i) 2 (ii) 1 (iii) 6 (iv) 0 (v) 3

21. If a number has 3 zeros at the end, its square has how many zeros?

- (i) 5 (ii) 7 (iii) 6 (iv) 9 (v) 4

22. Find the square root of 4

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

23. Find the square root of $\frac{1}{16}$

- (i) $\frac{1}{2}$ (ii) $\frac{1}{6}$ (iii) $(\frac{-1}{4})$ (iv) $\frac{1}{4}$ (v) $\frac{3}{4}$

24. If $\sqrt{144} = 12$, find the value of $\sqrt{1440000}$

- (i) 12000 (ii) 1198 (iii) 1200 (iv) 120 (v) 1202

25. If $\sqrt{2304} = 48$, find the value of $\sqrt{230400}$

- (i) 4800 (ii) 480 (iii) 482 (iv) 478 (v) 48

26. If $\sqrt{2116} = 46$, find the value of $\sqrt{21.16}$

- (i) 46 (ii) 0.5 (iii) 2.6 (iv) 4.6 (v) 6.6

27. If $\sqrt{3481} = 59$, find the value of $\sqrt{0.3481}$

- (i) 0.59 (ii) 5.9 (iii) 8.59 (iv) 0.06 (v) 2.59

Assignment Key

1) (v)	2) (v)	3) (iv)	4) (iv)	5) (v)	6) (ii)
7) (ii)	8) (ii)	9) (i)	10) (v)	11) (i)	12) (ii)
13) (v)	14) (i)	15) (iv)	16) (iv)	17) (iv)	18) (iii)
19) (i)	20) (iv)	21) (iii)	22) (iv)	23) (iv)	24) (iii)
25) (ii)	26) (iv)	27) (i)			

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