

EduSahara[™] Assignment

Name : Squares and Square Roots Chapter : Square Root and Cube Root Grade : ICSE Grade VIII License : Non Commercial Use

- Which of the following is a perfect square?
 (i) 143 (ii) 2497 (iii) 227 (iv) 900 (v) 1765
- 2. Which of the following is not a perfect square?(i) 625 (ii) 1600 (iii) 675 (iv) 1225 (v) 1369
- 3. What is the unit place digit in the square of 3?(i) 4 (ii) 9 (iii) 3 (iv) 0 (v) 6
- 4. Find the number of numbers between 9^2 and 10^2
 - (i) 18 (ii) 16 (iii) 17 (iv) 21 (v) 19
- 5. Find the smallest perfect square which is divisible by each of the numbers 16,18,10
 (i) 12961 (ii) 3600 (iii) 7200 (iv) 3602 (v) 11520
- 6. How many digits are there in the square root of 121?
 (i) 2 (ii) (-1) (iii) 3 (iv) 1 (v) 5
- 7. How many digits are there in the square root of 138384?(i) 2 (ii) 3 (iii) 1 (iv) 6 (v) 4
- 8. Find the least number that must be subtracted from 582 to get a perfect square?(i) 4 (ii) 6 (iii) 7 (iv) 9 (v) 5
- 9. Find the least number that must be added to 1208 to get a perfect square?(i) 17 (ii) 18 (iii) 19 (iv) 16 (v) 14
- 10. Find the smallest 2 digit number which is a perfect square?(i) 18 (ii) 13 (iii) 17 (iv) 16 (v) 15
- 11. Find the greatest 2 digit number which is a perfect square?(i) 80 (ii) 84 (iii) 78 (iv) 82 (v) 81
- 12. Find the smallest 3 digit number which is a perfect square?(i) 101 (ii) 97 (iii) 102 (iv) 99 (v) 100
- 13. Find the greatest 3 digit number which is a perfect square?(i) 958 (ii) 963 (iii) 961 (iv) 962 (v) 960
- 14. Find the smallest 4 digit number which is a perfect square?(i) 1025 (ii) 1024 (iii) 1021 (iv) 1027 (v) 1023

- 15. Find the greatest 4 digit number which is a perfect square?(i) 9799 (ii) 9801 (iii) 9800 (iv) 9802 (v) 9804
- 16. Find the smallest 5 digit number which is a perfect square?(i) 9997 (ii) 10000 (iii) 10003 (iv) 9999 (v) 10001
- 17. Find the greatest 5 digit number which is a perfect square?(i) 99856 (ii) 99858 (iii) 99855 (iv) 99857 (v) 99853
- 18. The smallest number by which 363 must be multiplied so that the product is a perfect square is?(i) 4 (ii) 2 (iii) 0 (iv) 5 (v) 3
- 19. The smallest number by which 648 must be divided so that the quotient is a perfect square is?(i) 3 (ii) (-1) (iii) 2 (iv) 1 (v) 4
- 20. If a number has 5 zeros at the end, its square has how many zeros?(i) 8 (ii) 9 (iii) 13 (iv) 11 (v) 10
- 21. Find the square root of 4
 - (i) 1 (ii) 3 (iii) 2 (iv) 4 (v) -1
- 22. Find the square root of $\frac{25}{9}$ (i) $\frac{7}{3}$ (ii) 1 (iii) 5 (iv) $\frac{5}{3}$

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

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