

## EduSahara<sup>™</sup> Assignment

Name : Squares and Square Roots Chapter : Squares and Square Roots Grade : CBSE Grade VIII License : Non Commercial Use

- Which of the following is a perfect square?
   (i) 102 (ii) 1934 (iii) 399 (iv) 1090 (v) 121
- 2. Which of the following is not a perfect square?(i) 120 (ii) 81 (iii) 169 (iv) 1296 (v) 9
- 3. What is the unit place digit in the square of 48?(i) 3 (ii) 1 (iii) 2 (iv) 4 (v) 8
- 4. If a number has 1 zeros at the end, its square has how many zeros?(i) 4 (ii) 3 (iii) 0 (iv) 2 (v) 1
- 5. Find the number of numbers between  $4^2$  and  $5^2$ (i) 5 (ii) 11 (iii) 9 (iv) 7 (v) 8
- 6. How many digits are there in the square root of 5184?(i) 1 (ii) 2 (iii) 0 (iv) 5 (v) 3
- 7. How many digits are there in the square root of 516961?
  (i) 3 (ii) 6 (iii) 2 (iv) 4 (v) 0
- 8. Find the least number that must be subtracted from 536 to get a perfect square?(i) 4 (ii) 8 (iii) 10 (iv) 6 (v) 7
- 9. Find the least number that must be added to 421 to get a perfect square?(i) 20 (ii) 23 (iii) 18 (iv) 21 (v) 19
- 10. Find the smallest 2 digit number which is a perfect square?(i) 15 (ii) 13 (iii) 18 (iv) 16 (v) 17
- 11. Find the greatest 2 digit number which is a perfect square?(i) 78 (ii) 84 (iii) 80 (iv) 81 (v) 82
- 12. Find the smallest 3 digit number which is a perfect square?(i) 103 (ii) 101 (iii) 98 (iv) 99 (v) 100
- 13. Find the greatest 3 digit number which is a perfect square?(i) 962 (ii) 964 (iii) 958 (iv) 961 (v) 960
- 14. Find the smallest 4 digit number which is a perfect square?(i) 1024 (ii) 1023 (iii) 1021 (iv) 1025 (v) 1026

- 15. Find the greatest 4 digit number which is a perfect square?(i) 9804 (ii) 9799 (iii) 9801 (iv) 9800 (v) 9802
- 16. Find the smallest 5 digit number which is a perfect square?(i) 10002 (ii) 9998 (iii) 9999 (iv) 10001 (v) 10000
- 17. Find the greatest 5 digit number which is a perfect square?(i) 99858 (ii) 99857 (iii) 99856 (iv) 99855 (v) 99854
- 18. Find the square root of 41.17(i) 7.42 (ii) 8.42 (iii) 4.42 (iv) 6.42 (v) 5.42
- 19. Find the square root of 135.400(i) 10.636 (ii) 11.636 (iii) 12.636 (iv) 9.636 (v) 13.636
- 20. Find the square root of 1350.7000(i) 34.7519 (ii) 37.7519 (iii) 35.7519 (iv) 38.7519 (v) 36.7519
- 21. The smallest number by which 45 must be multiplied so that the product is a perfect square is?(i) 3 (ii) 6 (iii) 7 (iv) 4 (v) 5
- 22. The smallest number by which 1352 must be divided so that the quotient is a perfect square is?(i) (-1) (ii) 3 (iii) 2 (iv) 1 (v) 5
- 23. Which of the following is a perfect square?(i) 1765 (ii) 64 (iii) 839 (iv) 528 (v) 364
- 24. Which of the following is not a perfect square?(i) 1521 (ii) 324 (iii) 1681 (iv) 36 (v) 1518
- 25. What is the unit place digit in the square of 40?(i) 5 (ii) 3 (iii) 7 (iv) 2 (v) 0
- 26. If a number has 5 zeros at the end, its square has how many zeros?(i) 7 (ii) 9 (iii) 10 (iv) 12 (v) 11
- 27. Find the number of numbers between 10<sup>2</sup> and 11<sup>2</sup>
  (i) 21 (ii) 20 (iii) 22 (iv) 18 (v) 19
- 28. How many digits are there in the square root of 9216?(i) 3 (ii) 0 (iii) 2 (iv) 4 (v) 1
- 29. How many digits are there in the square root of 271441?(i) 3 (ii) 6 (iii) 2 (iv) 4 (v) 1
- 30. Find the least number that must be subtracted from 2131 to get a perfect square?(i) 13 (ii) 14 (iii) 15 (iv) 16 (v) 17

- 31. Find the least number that must be added to 1140 to get a perfect square?(i) 14 (ii) 18 (iii) 15 (iv) 16 (v) 17
- 32. Find the smallest 2 digit number which is a perfect square?(i) 17 (ii) 14 (iii) 16 (iv) 18 (v) 15
- 33. Find the greatest 2 digit number which is a perfect square?(i) 82 (ii) 81 (iii) 79 (iv) 80 (v) 84
- 34. Find the smallest 3 digit number which is a perfect square?(i) 99 (ii) 103 (iii) 101 (iv) 100 (v) 98
- 35. Find the greatest 3 digit number which is a perfect square?(i) 960 (ii) 962 (iii) 961 (iv) 958 (v) 963
- 36. Find the smallest 4 digit number which is a perfect square?(i) 1023 (ii) 1027 (iii) 1024 (iv) 1025 (v) 1021
- 37. Find the greatest 4 digit number which is a perfect square?(i) 9804 (ii) 9801 (iii) 9800 (iv) 9799 (v) 9802
- 38. Find the smallest 5 digit number which is a perfect square?(i) 10001 (ii) 10003 (iii) 10000 (iv) 9997 (v) 9999
- 39. Find the greatest 5 digit number which is a perfect square?(i) 99855 (ii) 99853 (iii) 99859 (iv) 99857 (v) 99856
- 40. Find the square root of 58.60(i) 6.66 (ii) 5.66 (iii) 9.66 (iv) 8.66 (v) 7.66
- 41. Find the square root of 679.660(i) 28.07 (ii) 26.07 (iii) 27.07 (iv) 25.07 (v) 24.07
- 42. Find the square root of 6317.3000(i) 81.4814 (ii) 77.4814 (iii) 79.4814 (iv) 80.4814 (v) 78.4814
- 43. The smallest number by which 147 must be multiplied so that the product is a perfect square is?(i) 5 (ii) 4 (iii) 1 (iv) 3 (v) 2
- 44. The smallest number by which 3125 must be divided so that the quotient is a perfect square is?(i) 4 (ii) 6 (iii) 7 (iv) 2 (v) 5

Assignment Key					
1) (v)	2) (i)	3) (iv)	4) (iv)	5) (v)	6) (ii)
7) (i)	8) (v)	9) (i)	10) (iv)	11) (iv)	12) (v)
13) (iv)	14) (i)	15) (iii)	16) (v)	17) (iii)	18) (iv)
19) (ii)	20) (v)	21) (v)	22) (iii)	23) (ii)	24) (v)
25) (v)	26) (iii)	27) (ii)	28) (iii)	29) (i)	30) (iii)
31) (iv)	32) (iii)	33) (ii)	34) (iv)	35) (iii)	36) (iii)
37) (ii)	38) (iii)	39) (v)	40) (v)	41) (ii)	42) (iii)
43) (iv)	44) (v)				

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