

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session:2025-26

Worksheet

Class: VIII	Subject: Mathematics	Topic: Squares and Square Roots	Worksheet =06
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1. Find the square root of 144 by the method of repeated subtraction.
2. Find the smallest number by which 1800 must be multiplied so that it becomes a perfect square. Also find the square root of the perfect square so obtained.
3. Is 2352 a perfect square? if not, find the smallest number by which 2352 must be multiplied so that the product is a perfect square. Find the square root of new number.
4. The area of a square field is 8281 m². Find the length of its side.
5. 1225 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.
6. Find the smallest number by which 3645 should be divided so as to get a perfect square. Also, find the square root of the number so obtained.
7. There are 500 children in a school. For a P.T. drill they have to stand in such a manner that the number of rows is equal to number of columns. How many children would be left out in this arrangement?
8. A school collected Rs 2304 as fees from its students. If each student paid as many paise as there were students in the school, how many students were there in the school?
9. 2025 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.