Calculating Square root

1. What is the square root of 729?

   a) 6

   b) 9

   c) 18

   d) 27

2. What is the value of $\sqrt{2 \times 2 \times 3 \times 3 \times 5 \times 5}$?

   a) 900

   b) 30

   c) 10

   d) 6

3. What is the value of $\sqrt{16} \times \sqrt{9}$

   a) 3

   b) 4

   c) 5

   d) 12

4. If you were asked to arrange 361 students in such a way that there are equal number of rows and columns, how many students would you keep in each row?

   a) 18

   b) 19

   c) 20

   d) 21

1. Calculate the square root of each of the following:

   a. $\sqrt{144}$ Answer:

   b. $\sqrt{225}$ Answer:

   c. $\sqrt{324}$ Answer:

   d. $\sqrt{1764}$ Answer:

   e. $\sqrt{8464}$ Answer:

2. Pembu has 900 oranges. He packed it in such a way that he had equal number of oranges in each bag as the number of bags. How many oranges will be there in each bag?

   Answer: _____ mangoes in each bag.

3. The square field has an area of 225 m^2. What is the side length of the field?

   Answer: _____ metre

4. Tashi has 4 boxes. Each box has 4 small packets. Each packet has 4 sweets. How many sweets are there altogether?

   Answer: _____ chocolates.

5. Sonam wants to fence a square shaped garden that has an area of 169 m^2. He wants to use barbed wire to make the fence. How long does he need to make four layers of barbed wire without any left over?

   Answer: _____ metre long.