



### Squares and Square Roots Ex 3.7 Q13

**Answer :**

We have to find the square root of the given number.

$$\begin{array}{r}
 15.093 \\
 1 \overline{) 227.798649} \\
 \underline{1} \phantom{00} \\
 25 \phantom{00} \phantom{00} \\
 \underline{5} \phantom{00} \phantom{00} \\
 3009 \phantom{00} \phantom{00} \phantom{00} \\
 \underline{9} \phantom{00} \phantom{00} \phantom{00} \\
 30183 \phantom{00} \phantom{00} \phantom{00} \\
 \underline{3} \phantom{00} \phantom{00} \phantom{00} \\
 0
 \end{array}$$

Hence, the fraction, which when multiplied by itself, gives 227.798649 is 15.093.

### Squares and Square Roots Ex 3.7 Q14

**Answer :**

The length of one side of the playground is the square root of its area.

$$\begin{array}{r}
 16.02 \\
 1 \overline{) 256.6404} \\
 \underline{1} \phantom{00} \\
 26 \phantom{00} \phantom{00} \\
 \underline{6} \phantom{00} \phantom{00} \\
 3202 \phantom{00} \phantom{00} \phantom{00} \\
 \underline{2} \phantom{00} \phantom{00} \phantom{00} \\
 0
 \end{array}$$

So, the length of one side of the playground is 16.02 metres.

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