Question 9:

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?

Answer 9:

Here, Number of children = 500
By getting the square root of this number, we get,

In each row, the number of children is 22.
And left out children are 16.

$$
\begin{array}{r r}
 & 22 \\
\hline
2 & \overline{5}\ \overline{00} \\
 & -\ 4 \\
\hline
42 & 100 \\
 & -\ 84 \\
\hline
 & 16 \\
\end{array}
$$

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