



There are 4 dots in each row.

There are 2 rows.

$$4 + 4 = 8$$

There are 8 dots altogether.

There are 2 dots in each column.

There are 4 columns.

$$2 + 2 + 2 + 2 = 8$$

There are 8 dots altogether.



Both calculations match the array.

Columns: $2 + 2 + 2 + 2 + 2 = 10$

Rows: $5 + 5 = 10$

Both pictures have ten dots.

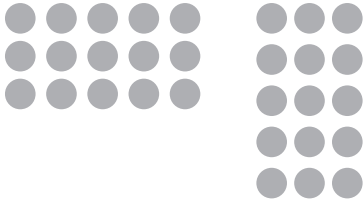
The first picture is an array showing two rows of five to make ten.

The second picture is not an array as it has not been organised into equal rows and columns.

$$10 + 10 + 10 + 10 = 40 \text{ marbles}$$



Children's arrays with 15 cubes should look like one of these:

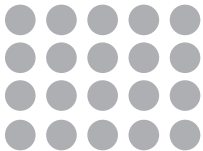


There are four arrays that can be made with 20 cubes.

$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 20$$



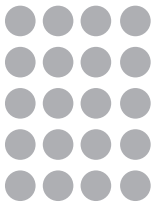
$$4 + 4 + 4 + 4 + 4 = 20$$



$$10 + 10 = 20$$



$$5 + 5 + 5 + 5 = 20$$



It is not possible to make an array with more than 1 row using 13 whole sticks. Children will find that there are 1 or more sticks that do not fit into the arrangements.