

Array

Jason has 5 tulip bulbs. He plants 3 tulip bulbs in each row of his garden. How many tulip bulbs does Jason place into rows?

How might we model 3 tulip bulbs?

Each square represents one tulip bulb.

This is a rectangular arrangement of tiles. The arrangement has 3 columns.

This arrangement represents 3 tulip bulbs that are placed into one row of Jason's garden.

Each row of tiles represents a row in Jason's garden.

A second set of 3 tulip bulbs is added.

A third set of tulip bulbs is added.

A fourth set of tulip bulbs is added.

A fifth set of tulip bulbs is added.

This rectangular arrangement has 5 rows.

The five rows represent the five rows in the garden that Jason plants with tulip bulbs.

This rectangular arrangement represents "five rows of 3 objects." Numerically, this arrangement is represented by the number sentence "five times three is equal to..."

Fifteen.

This rectangular arrangement allows one to visualize 5 groups of 3 objects. This rectangular arrangement is an array, an arrangement of objects in equal rows.