

MULTIPLICATION

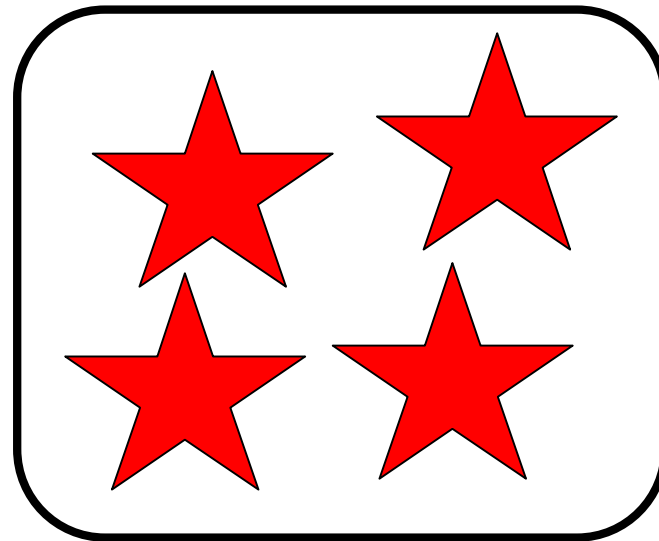
is...

repeated addition
of *same-sized*
groups

Set Model

Sarah has two pages of stickers. There are four stickers on each page. How many stickers are there?

2 pages x 4 stickers per page = 8 stickers



Measurement Model

Adam went jogging two days this week. Each time, he jogged 4 miles. How many miles did Adam jog?

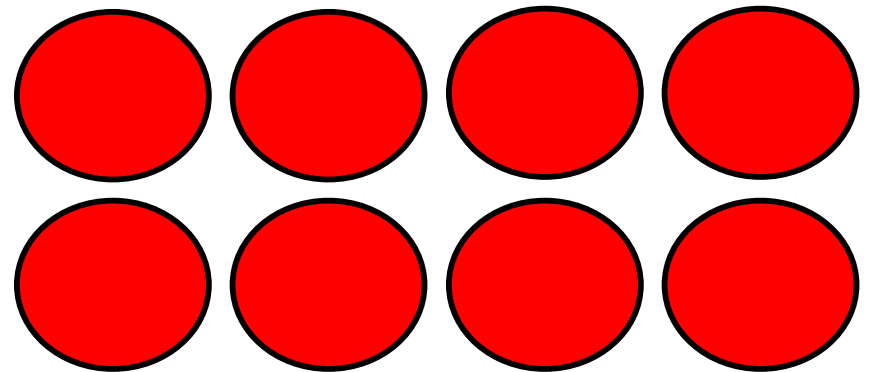
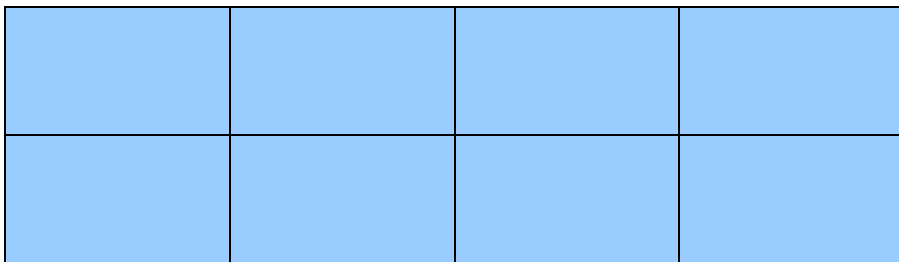
$$2 \text{ days} \times 4 \text{ miles per day} = 8 \text{ miles}$$



Array Model

Max made two rows of tiles. He put four tiles in each row.
How many tiles are there?

2 rows x 4 tiles per row = 8 tiles



**Number of groups x size of the
groups = Total Items**