



NAME _____

DATE _____

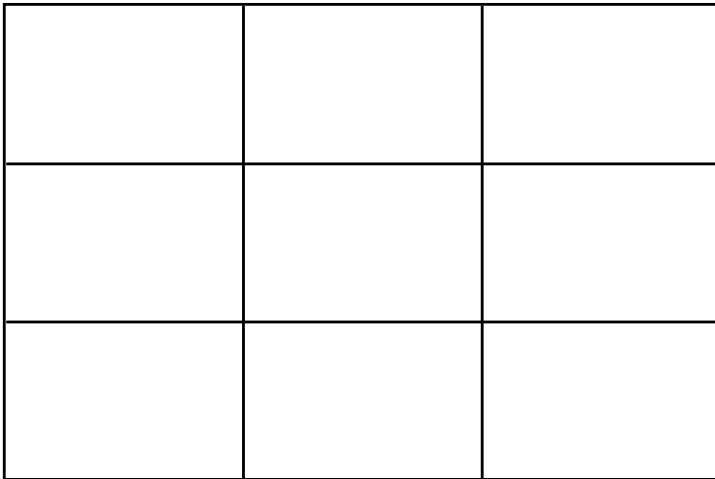
ARRANGEMENT OF ROWS AND COLUMNS

Use square tiles to compose a rectangle and relate to the array model.

Use your square tiles to construct the following rectangles with no gaps or overlaps on your work mat. Write a repeated addition sentence to match each construction.

1. a) Construct a rectangle of 9 tiles so that the rows and columns must be equal.

Solution:



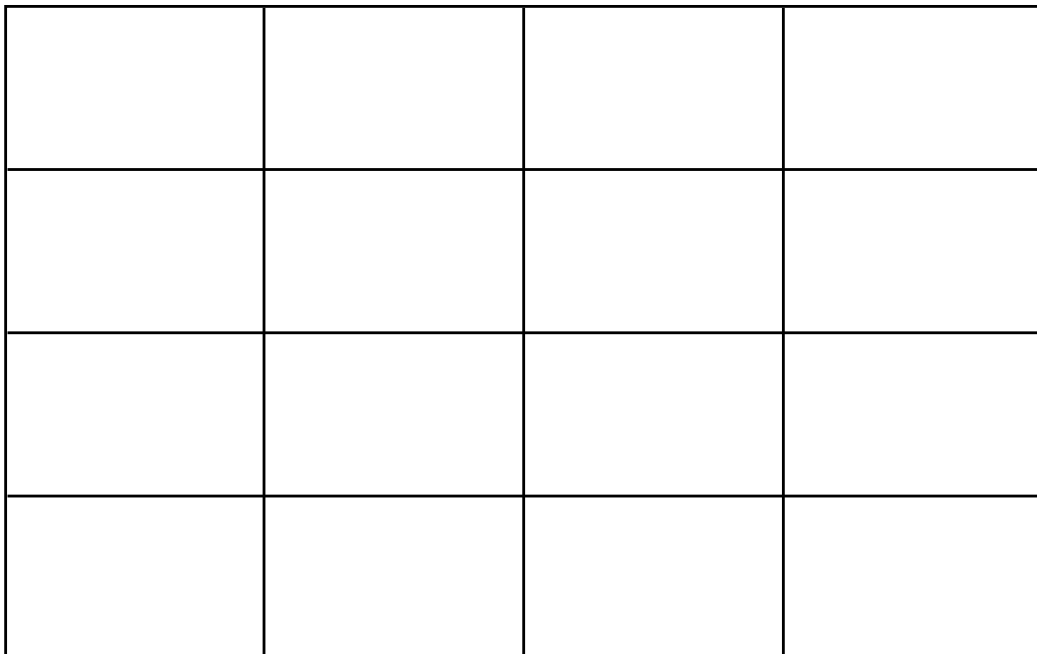
3 rows of 3 tiles.

$$_ + _ + _ = _.$$

Number of total tiles = $_$.

b) Construct a rectangle of 16 tiles that has equal rows and columns.

Solution:



4 columns of 4 tiles.

$$_ + _ + _ + _ = _.$$

Number of total tiles = $_$.