



NAME \_\_\_\_\_ DATE \_\_\_\_\_

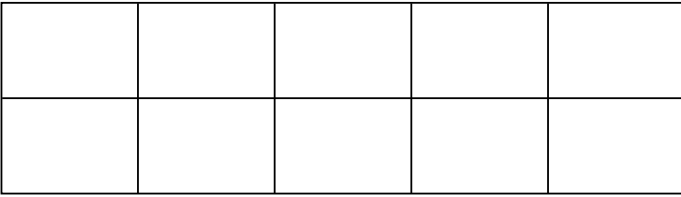
## ARRANGEMENT OF ROWS AND COLUMNS

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

Cut out the square tiles below and construct the following arrays with no gaps or overlaps. Write a repeated addition sentence to match each construction on the line.

1. a) Construct a rectangle using 10 tiles.

Solution:



2 rows of 5 tiles.

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

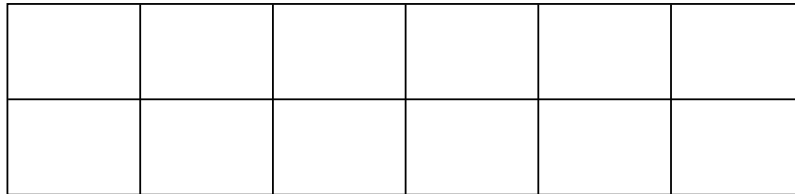
(OR)

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

Number of total tiles =  $\_$ .

b) Construct a rectangle using 12 tiles.

Solution:



2 rows of 6 tiles.

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

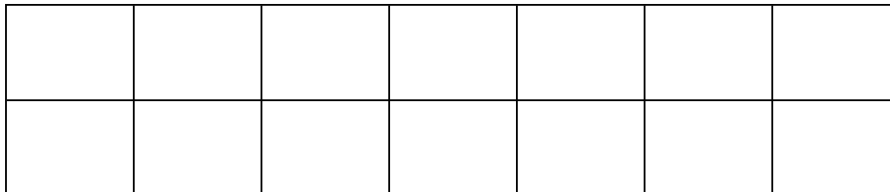
(OR)

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

Number of total tiles =  $\_$ .

c) Construct a rectangle using 14 tiles.

Solution:



2 rows of 7 tiles.

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

(OR)

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

Number of total tiles =  $\_$ .