



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

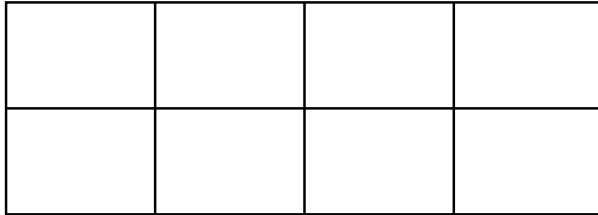
## ARRANGEMENT OF ROWS AND COLUMNS

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 with 2 rows of 4 tiles.

**Solution:**



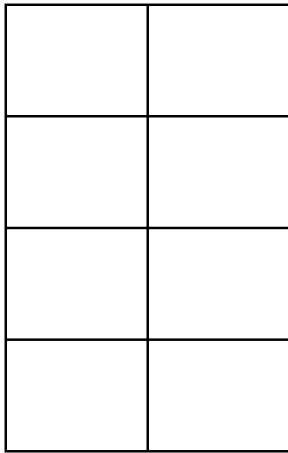
2 rows of 4 tiles.

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

Number of total tiles =  $\_$ .

b) Construct a rectangle with 2 columns of 4 tiles.

**Solution:**



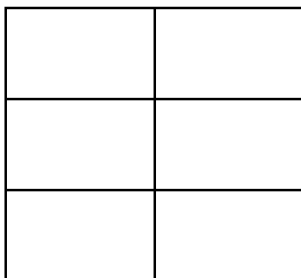
2 columns of 4 tiles.

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

Number of total tiles =  $\_$ .

2. a) Construct a rectangle with 3 rows of 2 tiles.

**Solution:**



3 rows of 2 tiles.

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

Number of total tiles =  $\_$ .

b) Construct a rectangle with 3 columns of 2 tiles.

**Solution:**



3 columns of 2 tiles.

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

Number of total tiles =  $\_$ .