



NAME \_\_\_\_\_

DATE \_\_\_\_\_

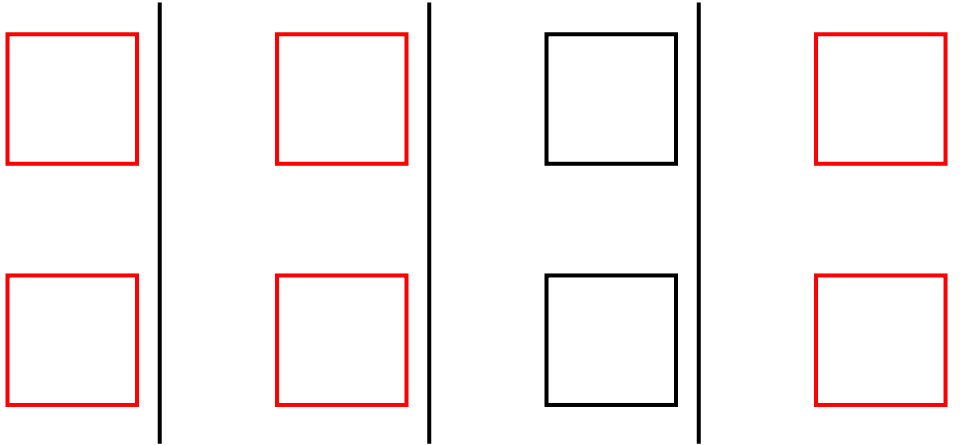
## ARRANGEMENT OF ROWS AND COLUMNS

Create arrays using square tiles with gaps.

Example:

a) Draw an array with 8 squares that has 2 squares in each column.

Solution:



b) Write a number sentence to match the array.

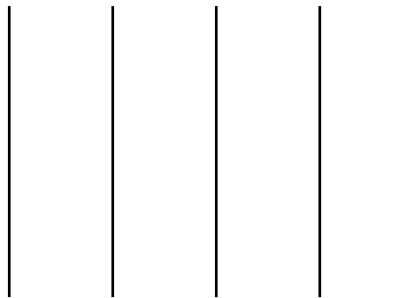
Solution:

$$4 \text{ columns of } 2 = \underline{8}.$$

$$\underline{2} + 2 + \underline{2} + 2 = 8.$$

1. a) Draw an array with 20 fours that has 4 fours in each column.

Solution:



b) Write a number sentence to match the array.

Solution:

$$5 \text{ columns of } 4 = \underline{\quad}.$$

$$4 + 4 + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}.$$

c) Draw a tape diagram to match your addition sentence and array.

Solution:

|   |     |  |     |  |     |  |    |  |    |
|---|-----|--|-----|--|-----|--|----|--|----|
| 4 | + 4 |  | + 4 |  | + 4 |  | 16 |  | 20 |
|   |     |  |     |  |     |  |    |  |    |