

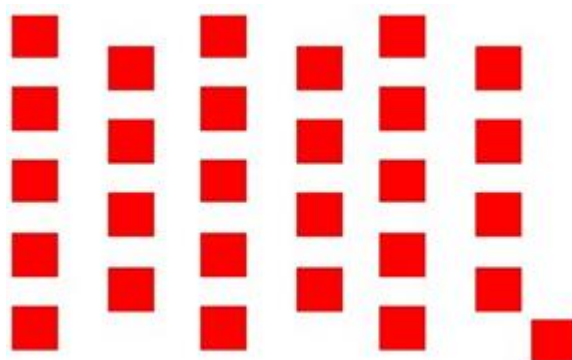
## Model with Arrays

You can use arrays to model division.

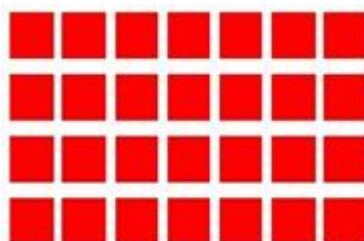
Use square tiles to make an array. Solve.

How many groups of 7 are in 28?

Use 28 tiles.



Make rows of 7



There are 4 rows (groups) of 7.

So, there are 4 groups of 7 in 28.

**Examples:**

**A- Use square tiles to make an array to solve.**

1) How many groups of 3 are in 18 ?  $18 \div 3 = 6$  groups

2) How many groups of 7 are in 28 ?  $28 \div 7 = 4$  groups

3) How many groups of 9 are in 27 ?  $27 \div 9 = 3$  groups

4) How many groups of 8 are in 24 ?  $24 \div 8 = 3$  groups

**B- Make an array. Write a division sentence for each one.**

5) 16 tiles in 4 groups

$$\underline{16 \div 4 = 4}$$

6) 24 tiles in 8 groups

$$\underline{24 \div 8 = 3}$$