



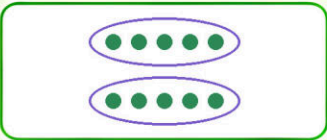
EQUAL GROUPS

Multiplying is adding equal groups.



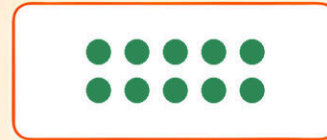
1. Look at the thinking

1 Make equal groups



2 groups of 5

2 Line them up



2 rows of 5

3 Add the groups

$$5 + 5 = 10$$

4 Say it with $\times$

$$2 \times 5 = 10$$

Turn it around:

$$5 \times 2 = 10$$

2. Talk about it

How many groups are there?

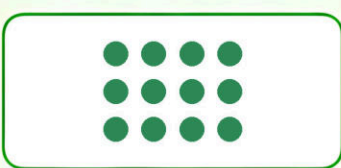
How many are in each group?

How is the array like the groups?

What happens when we turn the array?

3. Try one

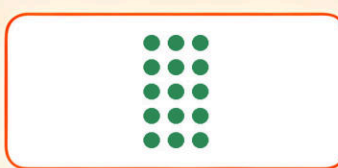
a



_____ groups of _____

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

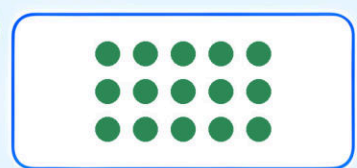
b



_____ groups of _____

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

c



_____ groups of _____

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

4. Write it

a

$$\underline{3} \times \underline{4} = \underline{\hspace{1cm}} \text{ and } \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

b

$$\underline{5} \times \underline{3} = \underline{\hspace{1cm}} \text{ and } \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

c

$$\underline{3} \times \underline{5} = \underline{\hspace{1cm}} \text{ and } \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

A merry heart doeth good like a medicine.

Proverbs 17:22

