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(TEACH N LEARN · PRIMARY 2)

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\*More challenging problems especially for advanced pupils.

# UNIT 4 MULTIPLICATION AND DIVISION

## Vocabulary



**Multiply** Add equal groups to find the total.



$$4 \text{ groups of } 2 = 2 + 2 + 2 + 2 = 8$$

We can write a **multiplication sentence**:

$$4 \times 2 = 8$$

$$\uparrow \quad \quad \uparrow \quad \quad \uparrow$$

Number of groups    Number in each group    Total number

*Read as: four times two is equal to eight.*



## How To

All equal groups have the same number.  
So, when we multiply, we are adding the same number.

How many 🍓 are there?



There are 3 groups.

There are 5 🍓 in each group.

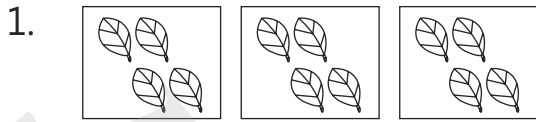
$$3 \times 5 = 5 + 5 + 5 = 15$$

There are 15 🍓 altogether.

# Exercise 4.1

## HOW TO MULTIPLY

Look at the pictures. Fill in the blanks.

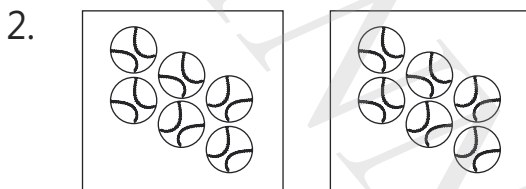


There are \_\_\_\_\_ groups.

There are \_\_\_\_\_  in each group.

$$3 \times 4 = \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_\_  altogether.

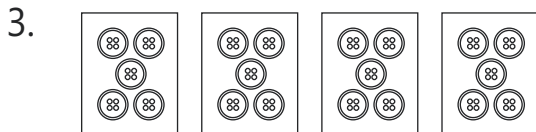


There are \_\_\_\_\_ groups.

There are \_\_\_\_\_  in each group.

$$2 \times 6 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_\_  altogether.

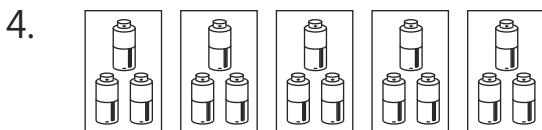


There are \_\_\_\_\_ groups.

There are \_\_\_\_\_  in each group.

$$4 \times 5 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$
$$= \underline{\quad}$$

There are \_\_\_\_\_  in all.




There are \_\_\_\_\_ groups.






There are \_\_\_\_\_  in each group.

$$5 \times 3 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$$
$$= \underline{\quad}$$

There are \_\_\_\_\_  in all.

## Exercise 4.3 CHALLENGES

\*1.  stands for a number.

If  +  +  = 15, what is  +  ?

\*2. Each  and  stands for a number.

$$\begin{array}{c} \text{Frog} \\ \text{+ Frog} \\ \text{+ Frog} \\ \hline = 12 \end{array}$$

$$\begin{array}{c} \text{Frog} \\ \text{+ Cat} \\ \hline = 10, \end{array}$$

$$\begin{array}{c} \text{Cat} \\ \text{+ Cat} \\ \text{+ Cat} \\ \hline = ? \end{array}$$