

What Is Multiplication?



Multiplication means adding a given number several times.

For example: 4 multiplied by 3 = $4+4+4$. We took the number 4, and added it 3 times. Instead of adding the same number many times and lengthening the equation, we use multiplication tables to get our answer sooner.

The “X” or “*” sign is the symbol used to denote multiplication.

So 4 multiplied by 3 can be denoted as:

- 4 X 3
- 4*3
- 3 times 4

No matter what symbol is used, the answer remains the same, 12.

Following are some important rules of multiplications.

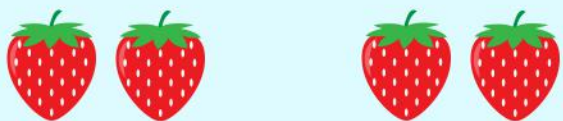
- Any number multiplied by 0 gives the answer 0
Example: $5 \times 0 = 0$
- Any number multiplied by 1 gives the number as the answer
Example: $5 \times 1 = 5$
- You can multiply numbers in any order, but the answer remains the same
Example: $5 \times 2 = 10$

Solve the following multiplication exercise. We have solved the first one as an example for you.



What is the total number of penguins?

$$1 \times 3 = 3$$



What is the total number of strawberries?

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



What is the total number of stars?

$$5 \times 3 = \underline{\hspace{2cm}}$$



What is the total number of hearts?

$$4 \times 2 = \underline{\hspace{2cm}}$$



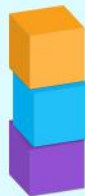
What is the total number of bananas?

$$3 \times 2 = \underline{\hspace{2cm}}$$



What is the total number of cupcakes?

$$6 \times 3 = \underline{\hspace{2cm}}$$



What is the total number of blocks?

$$3 \times 3 = \underline{\hspace{2cm}}$$



How many total pencils are there?

$$2 \times 7 = \underline{\hspace{2cm}}$$