

6

Multiplication

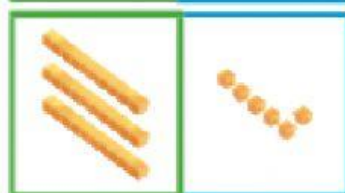
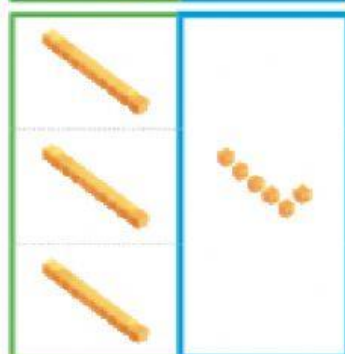


Let's Learn!

Multiplication without Regrouping

- 1 Multiply 12 by 3.

$$12 \times 3 = ?$$



First, multiply the ones by 3.

$$2 \text{ ones} \times 3 = 6 \text{ ones}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 6 \end{array}$$

Then, multiply the tens by 3.

$$1 \text{ ten} \times 3 = 3 \text{ tens}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

So, $12 \times 3 = 36$.

When we multiply 12 by 3, we get the **product** of 12 and 3.



36 is the product of 12 and 3.



2 Find the product of 43 and 2.

$$43 \times 2 = ?$$

First, multiply the ones by 2.

$$3 \text{ ones} \times 2 = \boxed{} \text{ ones}$$

Then, multiply the tens by 2.

$$4 \text{ tens} \times 2 = \boxed{} \text{ tens}$$

$$\text{So, } 43 \times 2 = \boxed{}.$$

The product of 43 and 2 is $\boxed{}$.

$$\begin{array}{r} 43 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 2 \\ \hline \end{array}$$

3 Multiply.

a

$$\begin{array}{r} 24 \\ \times 2 \\ \hline \end{array}$$

b

$$\begin{array}{r} 41 \\ \times 2 \\ \hline \end{array}$$

c

$$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$$

d

$$\begin{array}{r} 21 \\ \times 4 \\ \hline \end{array}$$