

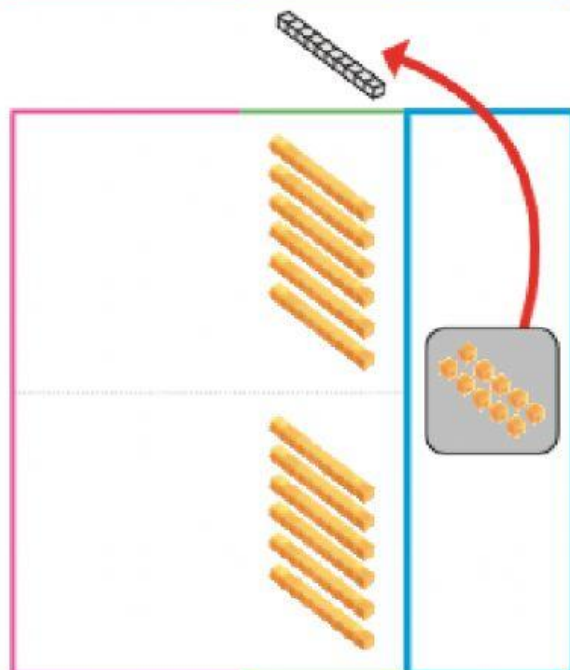
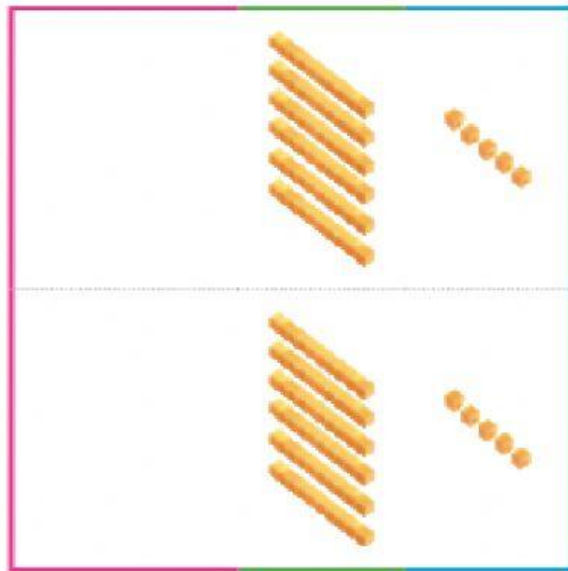


## Let's Learn!

### Multiplication with Regrouping in Ones, Tens and Hundreds

- 1 Multiply 65 and 2.

$$65 \times 2 = ?$$

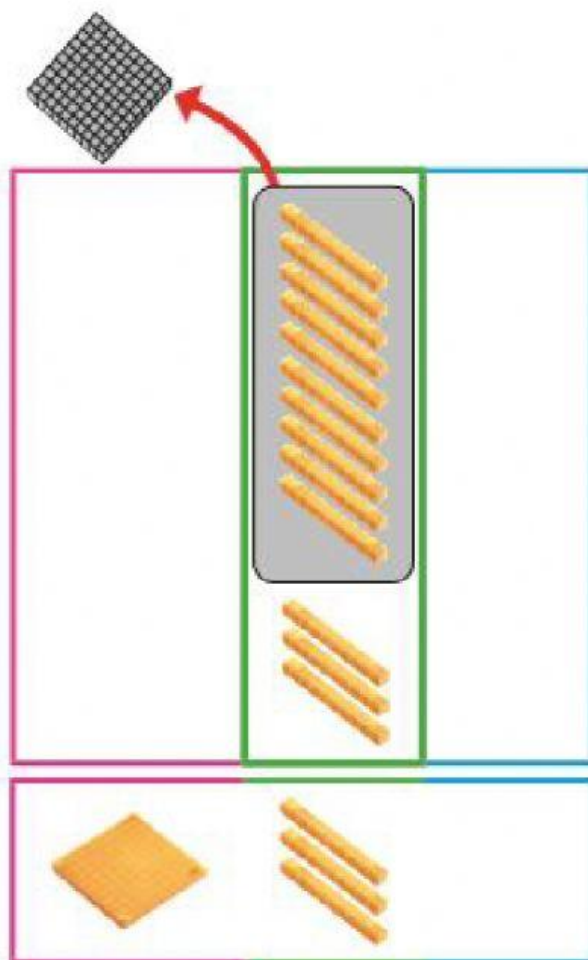


First, multiply the ones by 2.  
 $5 \text{ ones} \times 2 = 10 \text{ ones}$

Regroup the ones.  
 $10 \text{ ones} = 1 \text{ ten } 0 \text{ ones}$

$$\begin{array}{r} 1 \\ 65 \\ \times 2 \\ \hline 2 \end{array}$$





Then, multiply the tens by 2.  
 $6 \text{ tens} \times 2 = 12 \text{ tens}$

Add the tens.  
 $12 \text{ tens} + 1 \text{ ten} = 13 \text{ tens}$

Regroup the tens.  
 $13 \text{ tens} = 1 \text{ hundred } 3 \text{ tens}$

$$\begin{array}{r} 65 \\ \times 2 \\ \hline 130 \end{array}$$

So,  $65 \times 2 = 130$ .

**2**  $89 \times 3 = ?$

First, multiply the ones by 3.

$9 \text{ ones} \times 3 = 27 \text{ ones}$

Regroup the ones.

$27 \text{ ones} = 2 \text{ tens } 7 \text{ ones}$

$$\begin{array}{r} 89 \\ \times 3 \\ \hline 27 \end{array}$$

Then, multiply the tens by 3.

$$8 \text{ tens} \times 3 = 24 \text{ tens}$$

Add the tens.

$$\boxed{\phantom{00}} \text{ tens} + \boxed{\phantom{00}} \text{ tens} = \boxed{\phantom{00}} \text{ tens}$$

Regroup the tens.

$$\boxed{\phantom{00}} \text{ tens} = \boxed{\phantom{00}} \text{ hundreds } \boxed{\phantom{00}} \text{ tens}$$

$$\text{So, } 89 \times 3 = 267$$

$$\begin{array}{r} 89 \\ \times 3 \\ \hline 267 \end{array}$$

**3** Multiply.

**a**

$$\begin{array}{r} 57 \\ \times 5 \\ \hline \boxed{\phantom{00}} \end{array}$$

**b**

$$\begin{array}{r} 76 \\ \times 7 \\ \hline \boxed{\phantom{00}} \end{array}$$

**c**

$$\begin{array}{r} 94 \\ \times 8 \\ \hline \boxed{\phantom{00}} \end{array}$$

**d**

$$\begin{array}{r} 64 \\ \times 6 \\ \hline \boxed{\phantom{00}} \end{array}$$

**4**  $234 \times 3 = ?$

