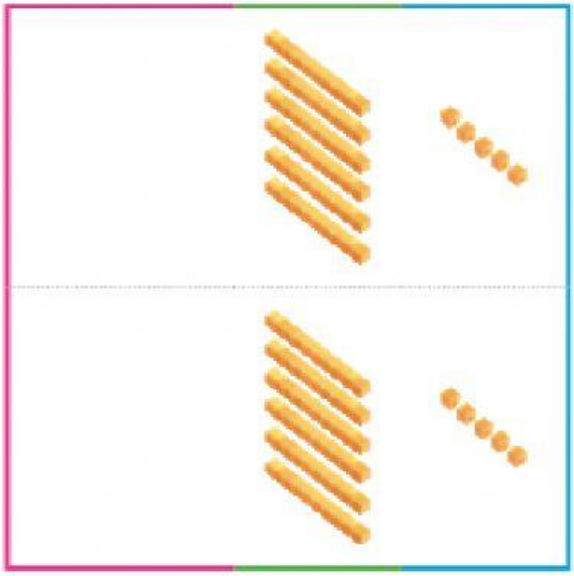
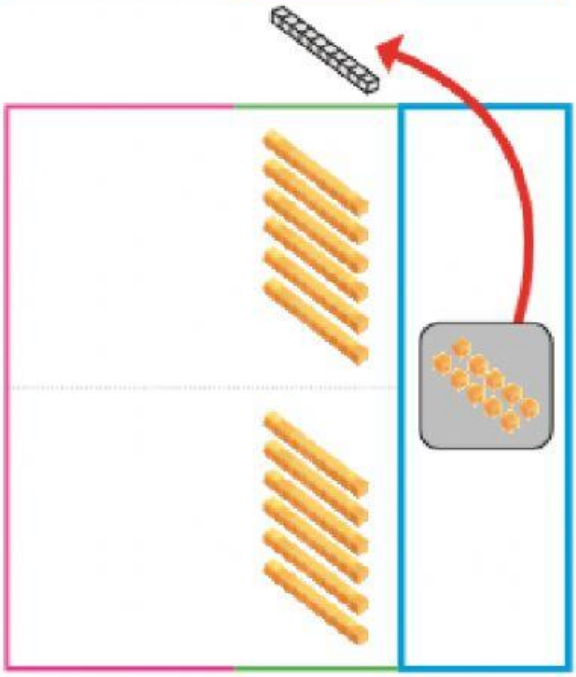
Let's Learn!

Multiplication with Regrouping in Ones, Tens and Hundreds

1 Multiply 65 and 2.

65 × 2 = ?





First, multiply the ones by 2.
5 ones × 2 = 10 ones

Regroup the ones.
10 ones = 1 ten 0 ones

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

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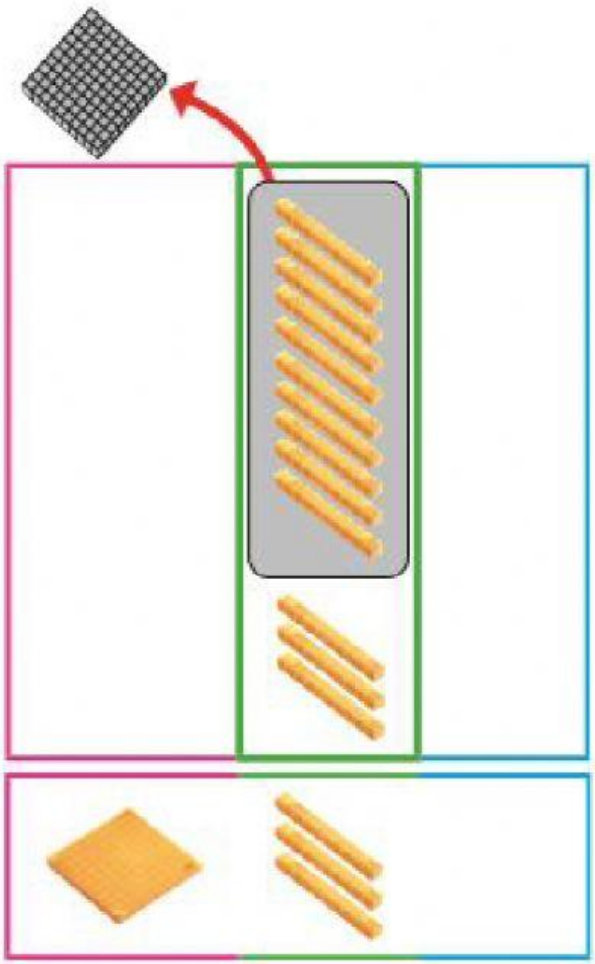

Then, multiply the tens by 2.
6 tens × 2 = 12 tens

Add the tens.
12 tens + 1 ten = 13 tens

Regroup the tens.
13 tens = 1 hundred 3 tens

$$\begin{array}{r} \overset{1}{6}\ 5 \\ \times \quad 2 \\ \hline 1\ 3\ 0 \end{array}$$

So, 65 × 2 = 130.

2 89 × 3 = ?

First, multiply the ones by 3.
9 ones × 3 = 27 ones

$$\begin{array}{r} 8\ 9 \\ \times \quad 3 \\ \hline 27 \end{array}$$

Regroup the ones.
27 ones = 2 tens 7 ones

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Then, multiply the tens by 3.

8 tens × 3 = 24 tens

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

Add the tens.

[ ] tens + [ ] tens = [ ] tens

Regroup the tens.

[ ] tens = [ ] hundreds [ ] tens

So, 89 × 3 = 2 6 7

3 Multiply.

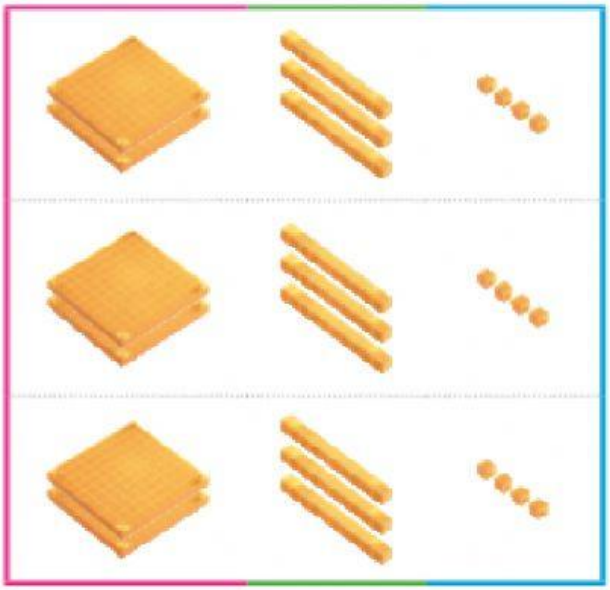
a $\begin{array}{r} 57 \\ \times\ \ 5 \\ \hline \square \end{array}$

b $\begin{array}{r} 76 \\ \times\ \ 7 \\ \hline \square \end{array}$

c $\begin{array}{r} 94 \\ \times\ \ 8 \\ \hline \square \end{array}$

d $\begin{array}{r} 64 \\ \times\ \ 6 \\ \hline \square \end{array}$

4 234 × 3 = ?



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