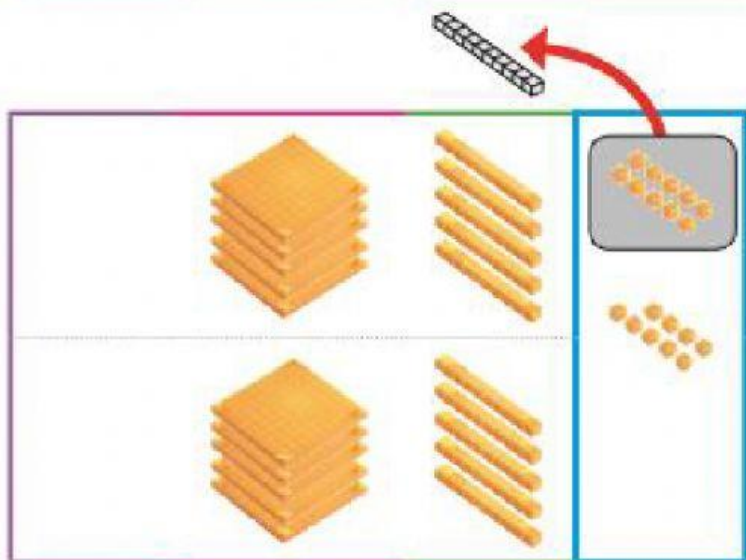
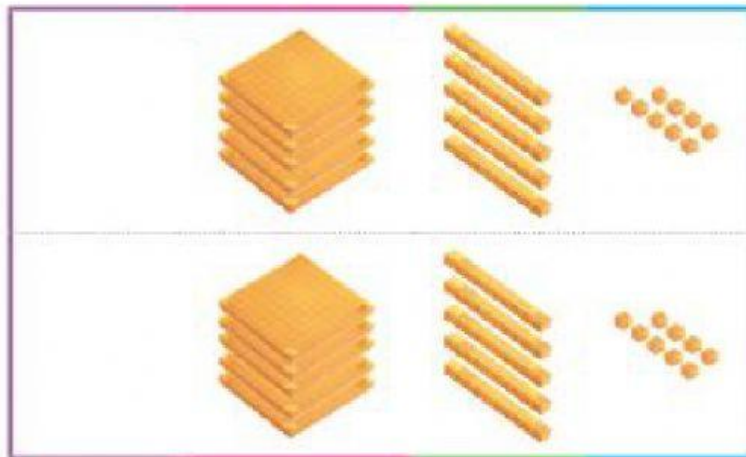




Let's Learn!

Multiplication with Regrouping in Ones, Tens, Hundreds and Thousands

1 $559 \times 2 = ?$

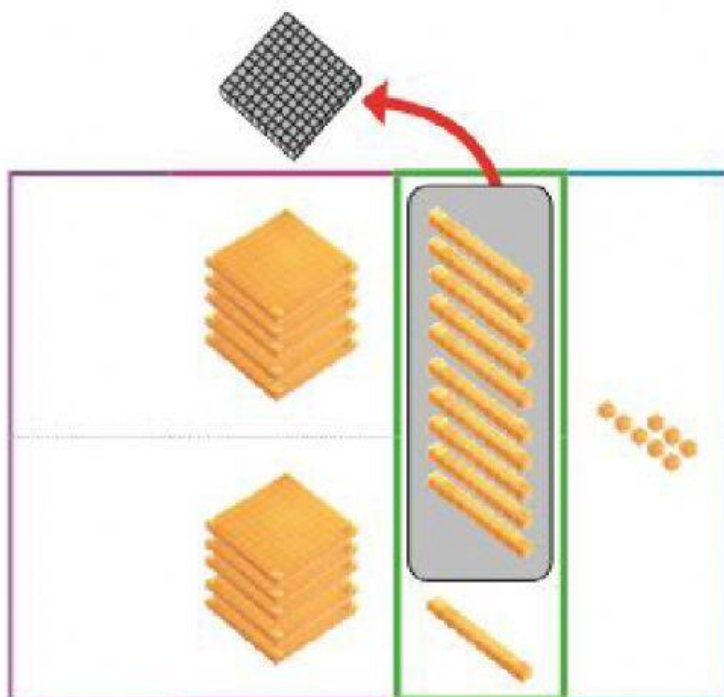


First, multiply the ones by 2.
 $9 \text{ ones} \times 2 =$
18 ones

Regroup the ones.
18 ones =
1 ten 8 ones

$$\begin{array}{r} 559 \\ \times 2 \\ \hline 8 \end{array}$$





Then, multiply the tens by 2.

$$5 \text{ tens} \times 2 = 10 \text{ tens}$$

Add the tens.

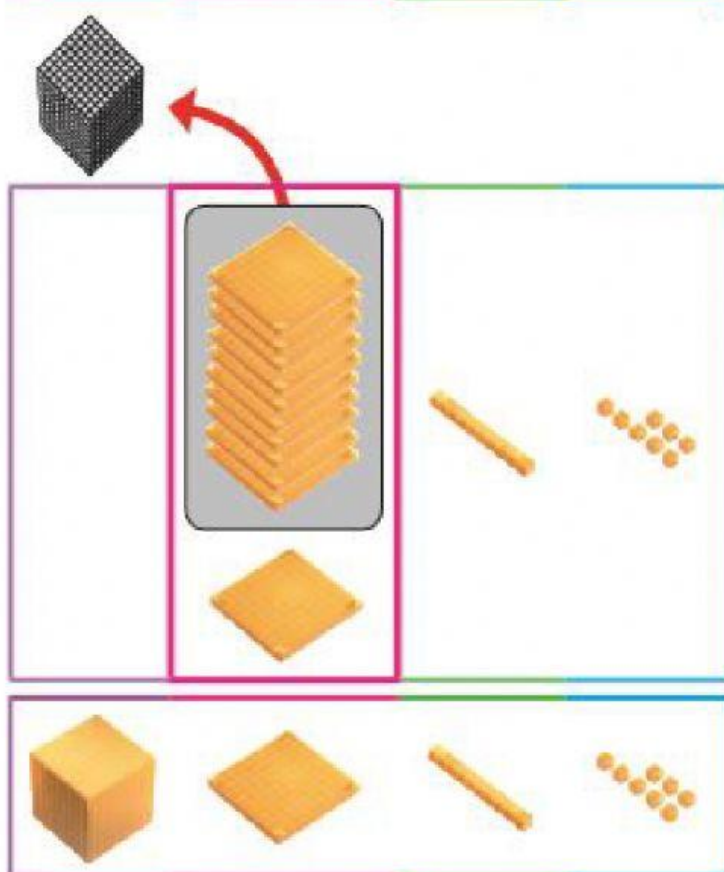
$$10 \text{ tens} + 1 \text{ ten} = 11 \text{ tens}$$

Regroup the tens.

$$11 \text{ tens} =$$

$$1 \text{ hundred } 1 \text{ ten}$$

$$\begin{array}{r} 1 \quad 1 \\ 5 \quad 5 \quad 9 \\ \times \quad 2 \\ \hline 1 \quad 8 \end{array}$$



Lastly, multiply the hundreds by 2.

$$5 \text{ hundreds} \times 2 = 10 \text{ hundreds}$$

Add the hundreds.

$$10 \text{ hundreds} + 1 \text{ hundred} = 11 \text{ hundreds}$$

Regroup the hundreds.

$$11 \text{ hundreds} =$$

$$1 \text{ thousand}$$

$$1 \text{ hundred}$$

$$\begin{array}{r} 1 \quad 1 \\ 5 \quad 5 \quad 9 \\ \times \quad 2 \\ \hline 1 \quad 1 \quad 1 \quad 8 \end{array}$$

So, $559 \times 2 = 1118$.

2 $974 \times 4 = ?$

First, multiply the ones by 4.

$4 \text{ ones} \times 4 = 16 \text{ ones}$

Regroup the ones.

$16 \text{ ones} = 1 \text{ ten } \boxed{} \text{ ones}$

Then, multiply the tens by 4.

$7 \text{ tens} \times 4 = \boxed{} \text{ tens}$

Add the tens.

$28 \text{ tens} + \boxed{} \text{ ten} = 29 \text{ tens}$

Regroup the tens.

$29 \text{ tens} = \boxed{} \text{ hundreds } \boxed{} \text{ tens}$

Lastly, multiply the hundreds by 4.

$9 \text{ hundreds} \times 4 = \boxed{} \text{ hundreds}$

Add the hundreds.

$36 \text{ hundreds} + \boxed{} \text{ hundreds} = 38 \text{ hundreds}$

Regroup the hundreds.

$\boxed{} \text{ hundreds} = \boxed{} \text{ thousands } 8 \text{ hundreds}$

So, $974 \times 4 = \boxed{}.$

$$\begin{array}{r} 974 \\ \times 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 974 \\ \times 4 \\ \hline 96 \end{array}$$

$$\begin{array}{r} 974 \\ \times 4 \\ \hline 3896 \end{array}$$