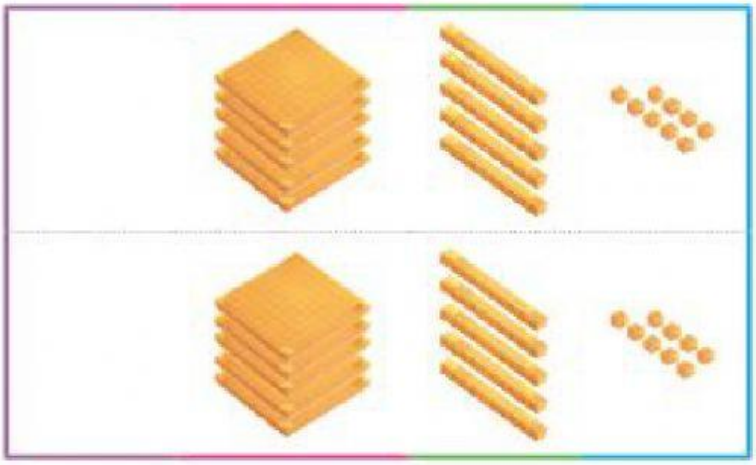
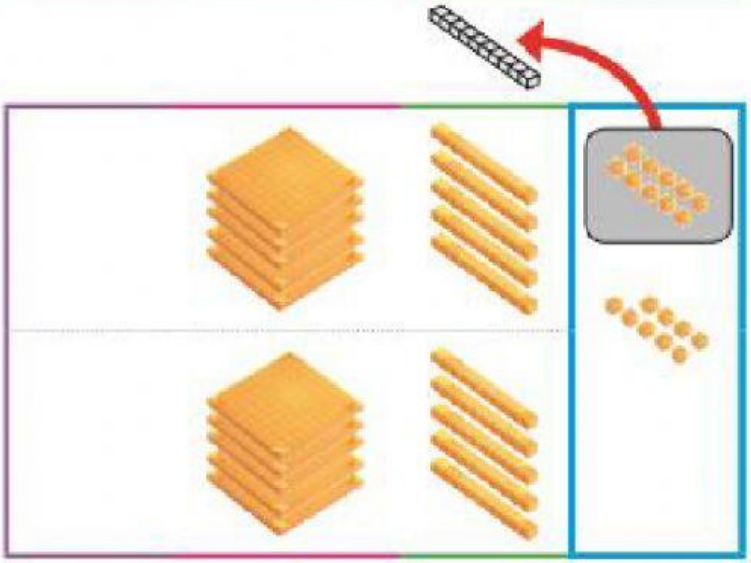
Let's Learn!

Multiplication with Regrouping in Ones, Tens, Hundreds and Thousands

1 559 × 2 = ?





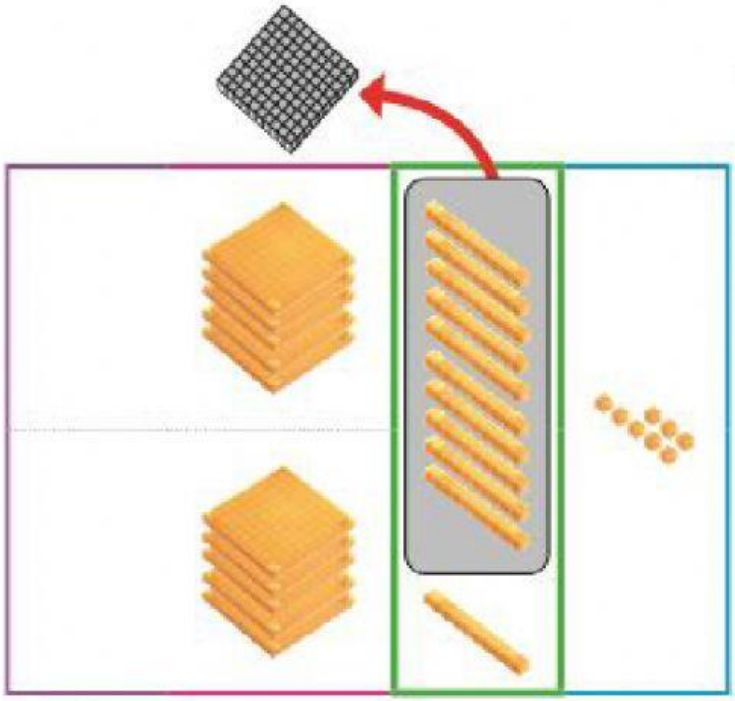
First, multiply the ones by 2.
9 ones × 2 =
18 ones

Regroup the ones.
18 ones =
1 ten 8 ones

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

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LIVEWORKSHEETS

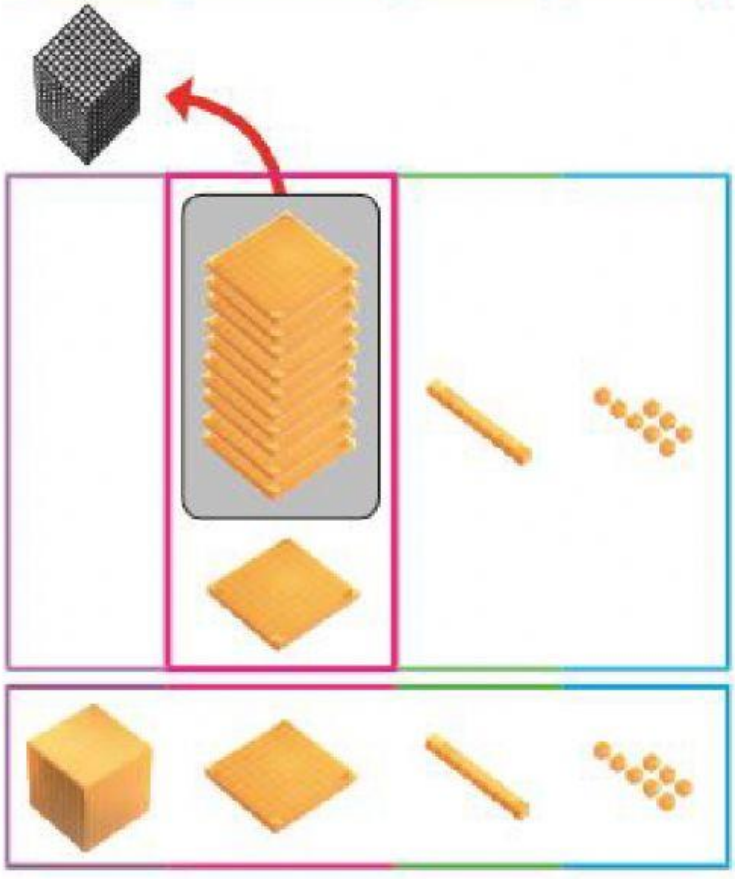


Then, multiply the tens by 2.
5 tens × 2 = 10 tens

Add the tens.
10 tens + 1 ten = 11 tens

Regroup the tens.
11 tens =
1 hundred 1 ten

$$\begin{array}{r} {\scriptstyle 1\ 1} \\ 559 \\ \times\ \ 2 \\ \hline 1118 \end{array}$$



Lastly, multiply the hundreds by 2.
5 hundreds × 2 =
10 hundreds

Add the hundreds.
10 hundreds +
1 hundred =
11 hundreds

Regroup the hundreds.
11 hundreds =
1 thousand
1 hundred

$$\begin{array}{r} {\scriptstyle 1\ 1} \\ 559 \\ \times\ \ 2 \\ \hline 1118 \end{array}$$

So, 559 × 2 = 1118.

LIVEWORKSHEETS

2 974 × 4 = ?

First, multiply the ones by 4.

4 ones × 4 = 16 ones

```
  9 7 4
×     4
-------
      6
```

Regroup the ones.

16 ones = 1 ten ____ ones

Then, multiply the tens by 4.

7 tens × 4 = ____ tens

```
  9 7 4
×     4
-------
    9 6
```

Add the tens.

28 tens + ____ ten = 29 tens

Regroup the tens.

29 tens = ____ hundreds ____ tens

Lastly, multiply the hundreds by 4.

9 hundreds × 4 = ____ hundreds

```
  9 7 4
×     4
-------
  3 8 9 6
```

Add the hundreds.

36 hundreds + ____ hundreds = 38 hundreds

Regroup the hundreds.

____ hundreds = ____ thousands 8 hundreds

So, 974 × 4 = ____.

LIVEWORKSHEETS