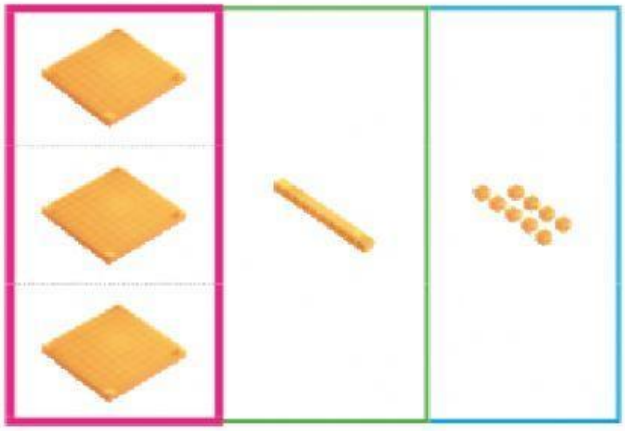
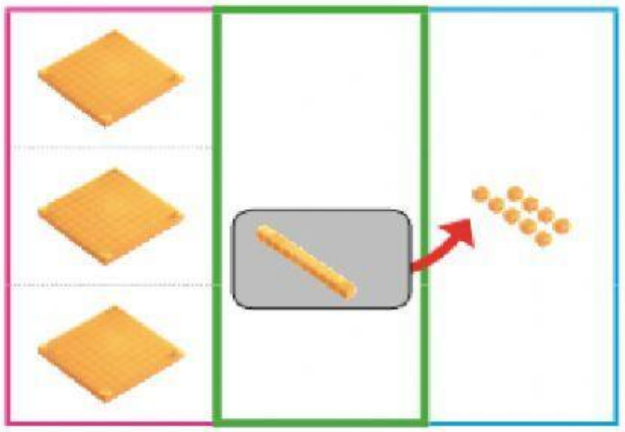
3 Find the quotient and remainder when 319 is divided by 3.

319 ÷ 3 = ?



First, divide the **hundreds** by 3.
3 hundreds ÷ 3
= 1 hundred in each group

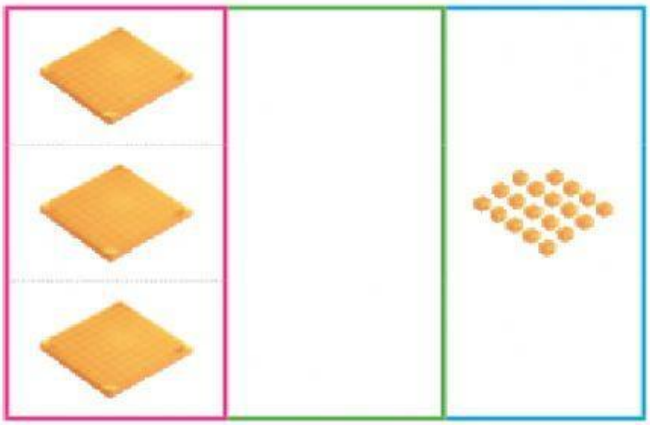
$$\begin{array}{r} \mathbf{1} \\ 3\overline{)3\ 1\ 9} \\ \mathbf{3} \\ \hline \end{array}$$



Then, divide the **tens** by 3.
1 ten ÷ 3 = 0 tens
in each group with
remainder 1 ten.

$$\begin{array}{r} 1\ \mathbf{0} \\ 3\overline{)3\ 1\ 9} \\ 3 \\ \hline 1 \\ \mathbf{0} \\ \hline \mathbf{1} \end{array}$$

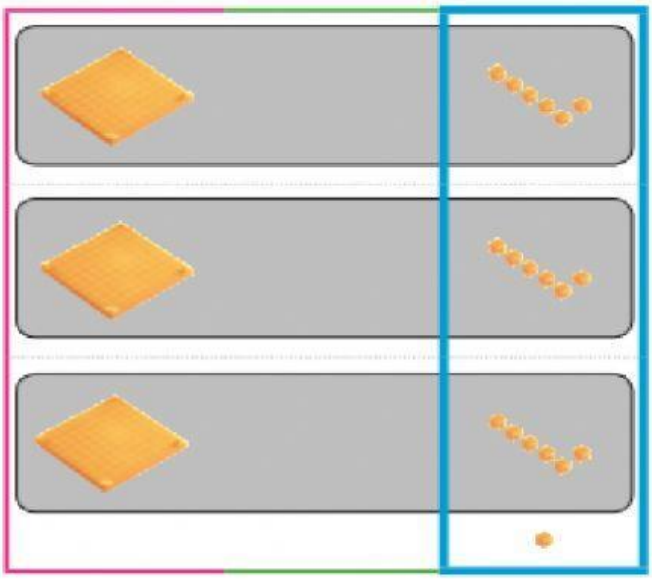
LIVEWORKSHEETS



Regroup the 1 ten.
1 ten = 10 ones

Add the ones.
10 ones + 9 ones
= 19 ones

$$\begin{array}{r} 1\ 0 \\ 3\overline{)3\ 1\ 9} \\ \underline{3} \\ 1 \\ \underline{0} \\ \mathbf{1\ 9} \end{array}$$



Lastly, divide the **ones** by 3.
19 ones ÷ 3
= 6 ones in each group
with remainder 1 one

$$\begin{array}{r} 1\ 0\ \mathbf{6} \\ 3\overline{)3\ 1\ 9} \\ \underline{3} \\ 1 \\ \underline{0} \\ 1\ 9 \\ \underline{\mathbf{1\ 8}} \\ \mathbf{1} \end{array}$$

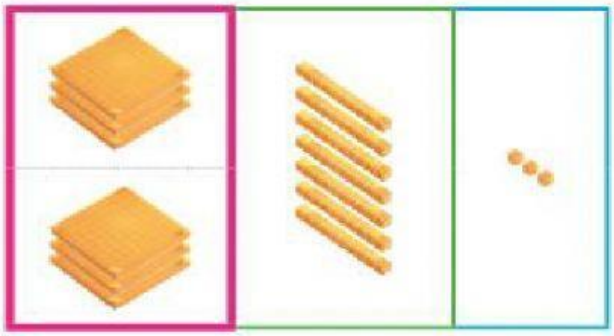
So, 319 ÷ 3 = 106 R1.

The quotient is 106.
The remainder is 1.

LIVEWORKSHEETS

4 Divide 673 by 2.

673 ÷ 2 = ?



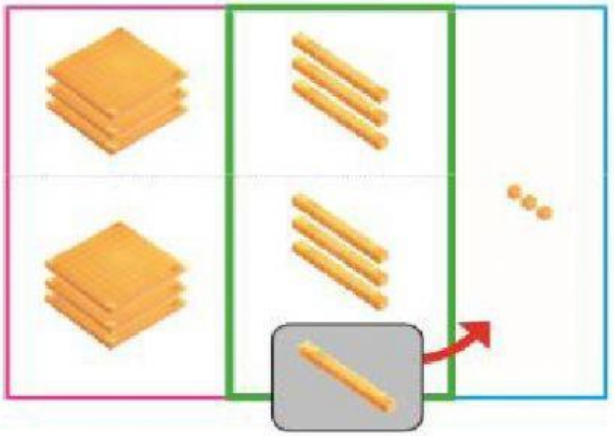
First, divide the **hundreds** by 2.

6 hundreds ÷ 2

= 3 hundreds

in each group

$$2\overline{)673}$$



Then, divide the **tens** by 3.

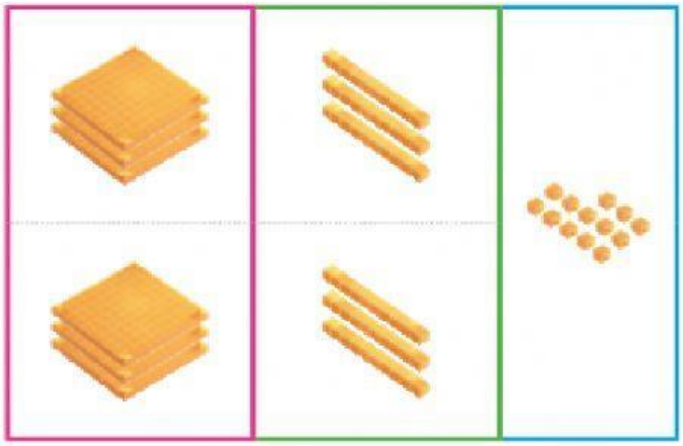
7 tens ÷ 2

= 3 tens in each group

with remainder 1 ten

$$\begin{array}{r} 3 \\ 2\overline{)673} \\ \underline{6} \\ \end{array}$$

LIVEWORKSHEETS



Regroup the 1 ten.

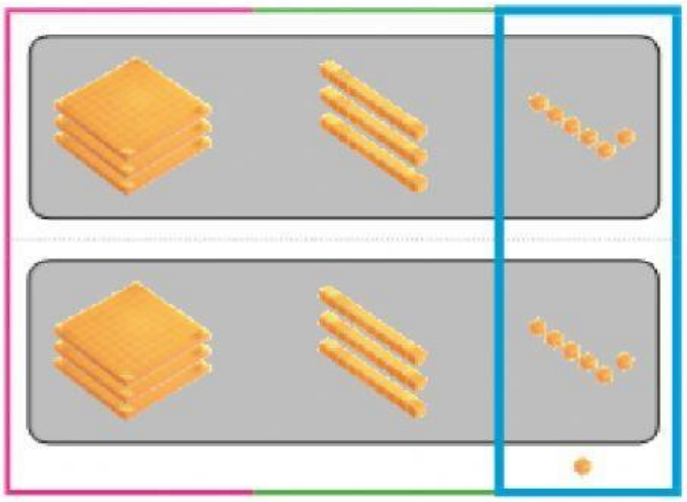
1 ten = 10 ones

Add the ones.

10 ones + 3 ones

= 13 ones

$$\begin{array}{r} 33 \\ 2\overline{)673} \\ -\,6 \\ \hline \square\square \\ -\,\square\square \\ \hline 13 \end{array}$$



Lastly, divide the **ones** by 2.

13 ones ÷ 2

= 6 ones in each group with remainder 1 one

$$\begin{array}{r} 33\square \\ 2\overline{)673} \\ -\,6 \\ \hline 7 \\ -\,6 \\ \hline 13 \\ -\,\square\square \\ \hline 1 \end{array}$$

So, 673 ÷ 2 = 336 R1

LIVEWORKSHEETS