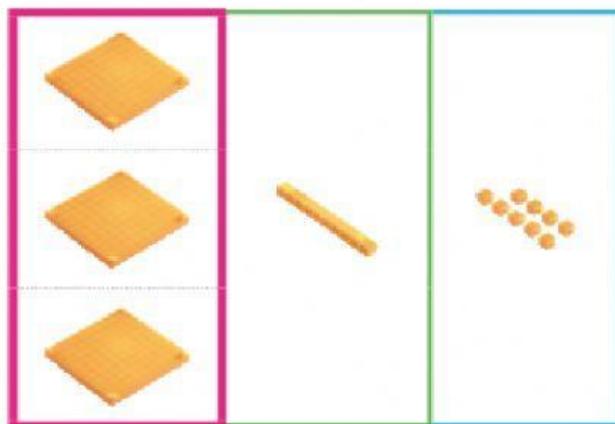


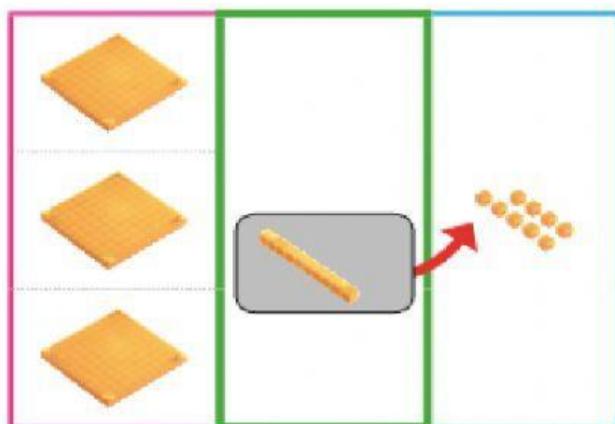
3 Find the quotient and remainder when 319 is divided by 3.

$$319 \div 3 = ?$$



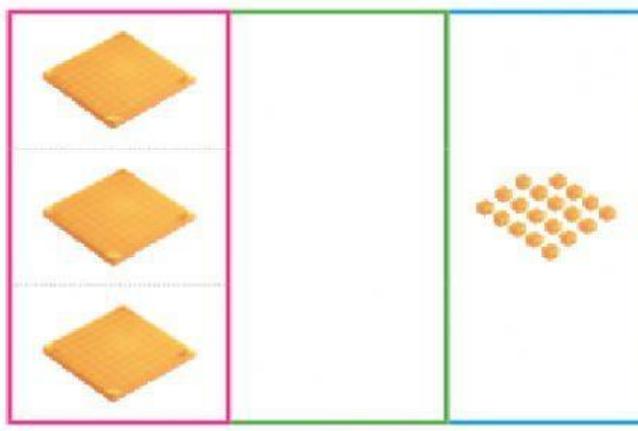
First, divide the **hundreds** by 3.
3 hundreds \div 3
= 1 hundred in each group

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



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

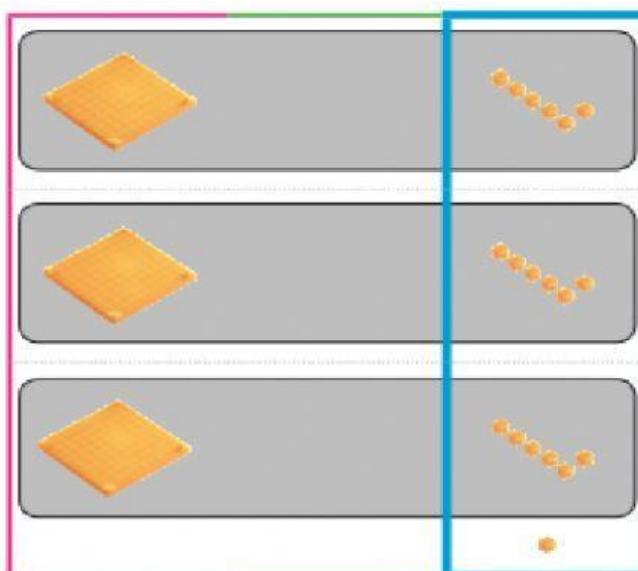
$$\begin{array}{r} 1 \ 0 \\ 3) 3 \ 1 \ 9 \\ \underline{3} \\ \ 1 \\ \underline{0} \\ \ 1 \end{array}$$



Regroup the 1 ten.
1 ten = 10 ones

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

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



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

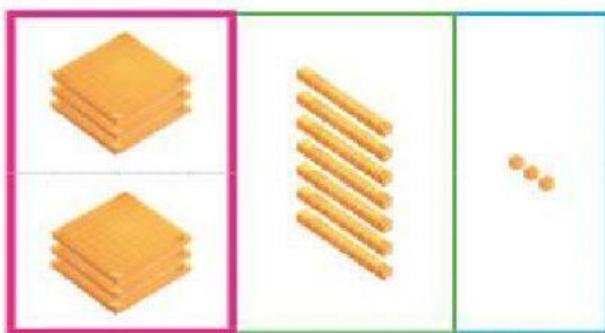
$$\begin{array}{r}
 1\ 0\ 6 \\
 3)3\ 1\ 9 \\
 \underline{3} \\
 1\ 0 \\
 \underline{1\ 9} \\
 1\ 8 \\
 \underline{1}
 \end{array}$$

So, $319 \div 3 = 106 \text{ R}1$.

The quotient is 106.
The remainder is 1.

4 Divide 673 by 2.

$$673 \div 2 = ?$$

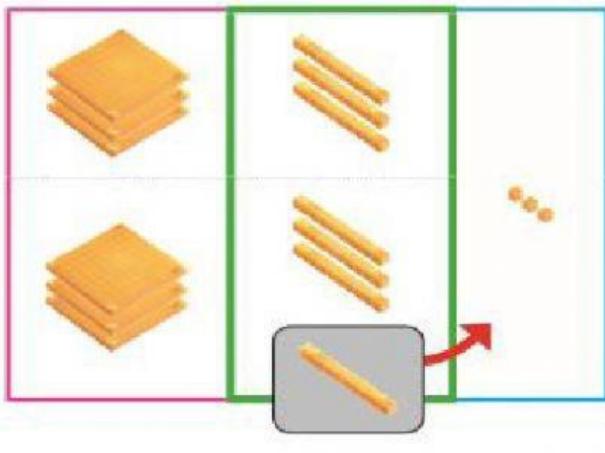


First, divide the **hundreds** by 2.

$$6 \text{ hundreds} \div 2$$

= 3 hundreds
in each group

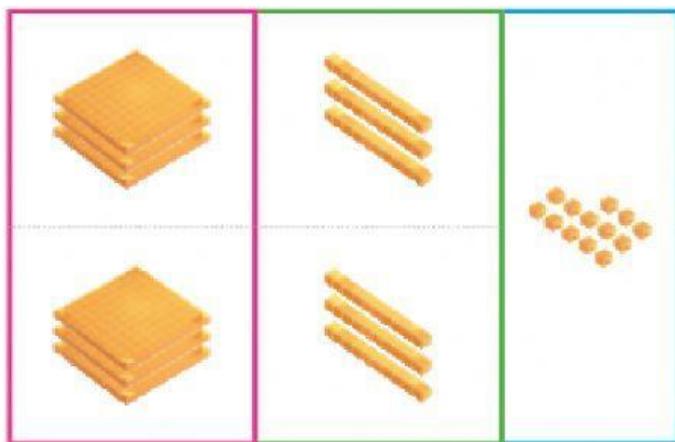
$$\begin{array}{r} 3 \\ 2) 6 \ 7 \ 3 \\ \underline{6} \end{array}$$



Then, divide the **tens** by 2.

= 3 tens in each group
with remainder 1 ten

$$\begin{array}{r} 3 \\ 2) 6 \ 7 \ 3 \\ \underline{6} \\ 1 \end{array}$$



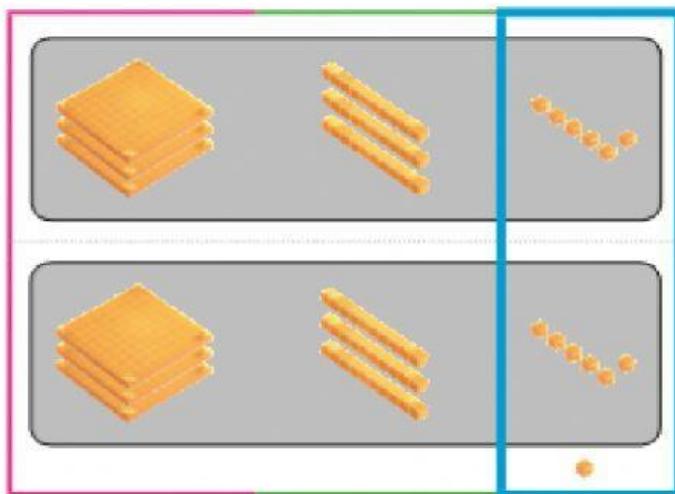
Regroup the 1 ten.

$$1 \text{ ten} = 10 \text{ ones}$$

Add the ones.

$$\begin{array}{r} 10 \text{ ones} + 3 \text{ ones} \\ = 13 \text{ ones} \end{array}$$

$$\begin{array}{r} 3 \ 3 \\ 2 \overline{) 6 \ 7 \ 3} \\ \underline{6} \\ 7 \\ \underline{6} \\ 1 \ 3 \end{array}$$



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

$$\begin{array}{r} 13 \text{ ones} \div 2 \\ = 6 \text{ ones in each} \\ \text{group with remainder} \end{array}$$

1 one

$$\begin{array}{r} 3 \ 3 \ \text{green box} \\ 2 \overline{) 6 \ 7 \ 3} \\ \underline{6} \\ 7 \\ \underline{6} \\ 1 \ 3 \\ \underline{\quad \quad} \\ 1 \end{array}$$

$$\text{So, } 673 \div 2 = 336 \text{ R}1$$