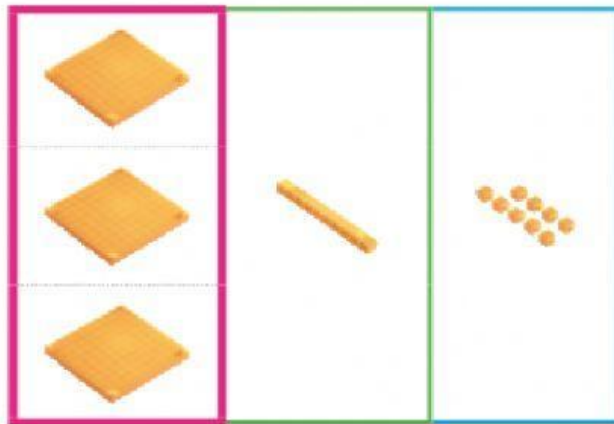


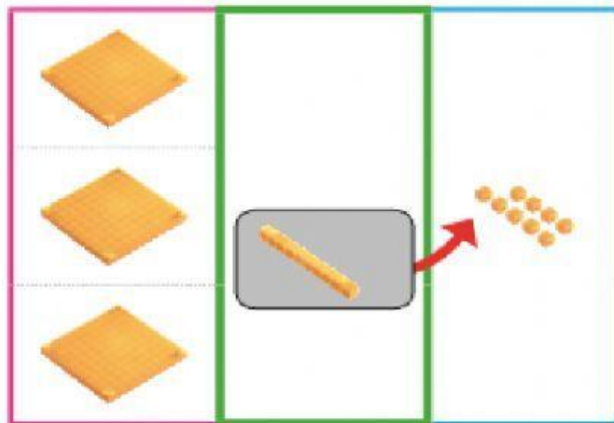
- 3 Find the quotient and remainder when 319 is divided by 3.

$$319 \div 3 = ?$$



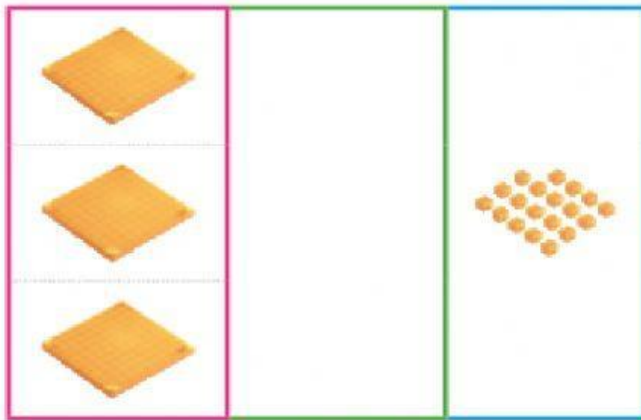
First, divide the **hundreds** by 3.  
 $3 \text{ hundreds} \div 3$   
 $= 1 \text{ hundred in each group}$

$$\begin{array}{r} 1 \\ 3 \overline{) 319} \\ \underline{3} \end{array}$$



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

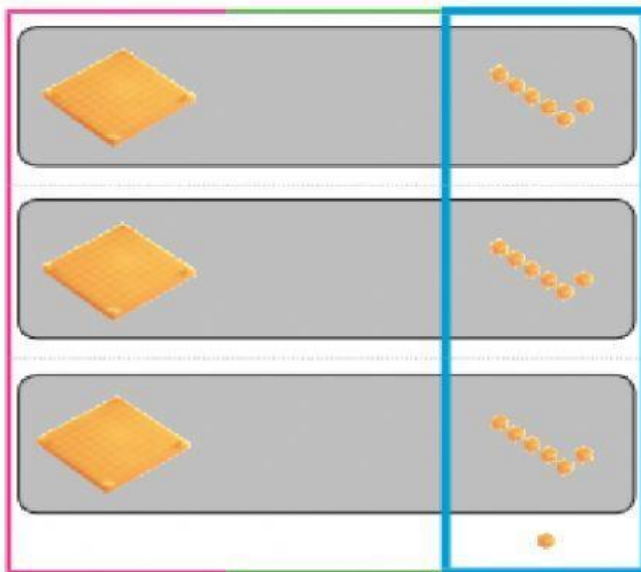
$$\begin{array}{r} 10 \\ 3 \overline{) 319} \\ \underline{3} \phantom{0} \\ 1 \phantom{0} \\ \underline{0} \\ 1 \end{array}$$



Regroup the 1 ten.  
1 ten = 10 ones

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

$$\begin{array}{r} 10 \\ 3 \overline{) 319} \\ \underline{3} \phantom{0} \\ 10 \\ \underline{9} \\ 19 \end{array}$$



Lastly, divide the **ones**  
by 3.

19 ones ÷ 3  
= 6 ones in each group  
with remainder 1 one

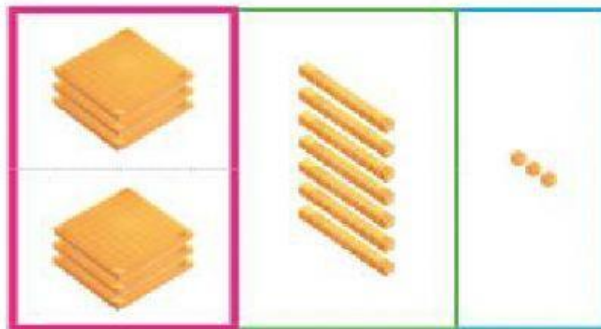
$$\begin{array}{r} 106 \\ 3 \overline{) 319} \\ \underline{3} \phantom{0} \\ 10 \\ \underline{9} \\ 19 \\ \underline{18} \\ 1 \end{array}$$

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

The quotient is 106.  
The remainder is 1.

4 Divide 673 by 2.

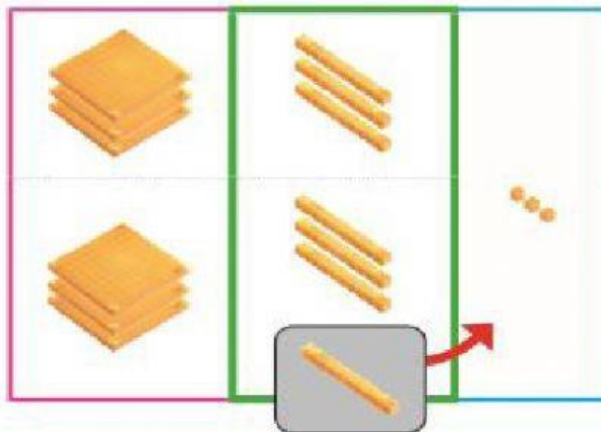
$$673 \div 2 = ?$$



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

6 hundreds  $\div$  2  
 = 3 hundreds  
 in each group

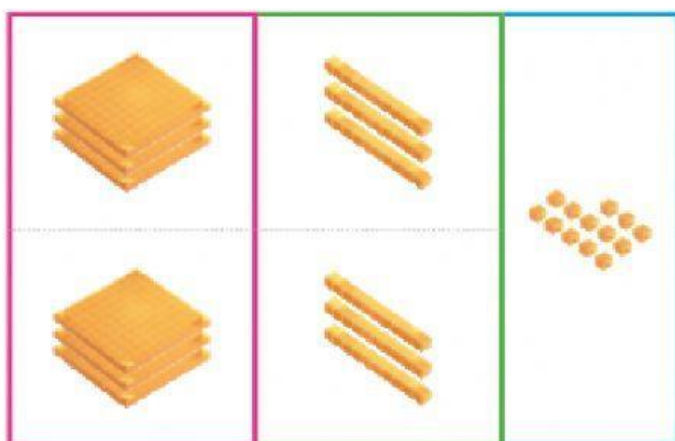
$$\begin{array}{r} \text{ } \\ 2 \overline{) 673} \\ \text{ } \end{array}$$



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

7 tens  $\div$  2  
 = 3 tens in each group  
 with remainder 1 ten

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



Regroup the 1 ten.

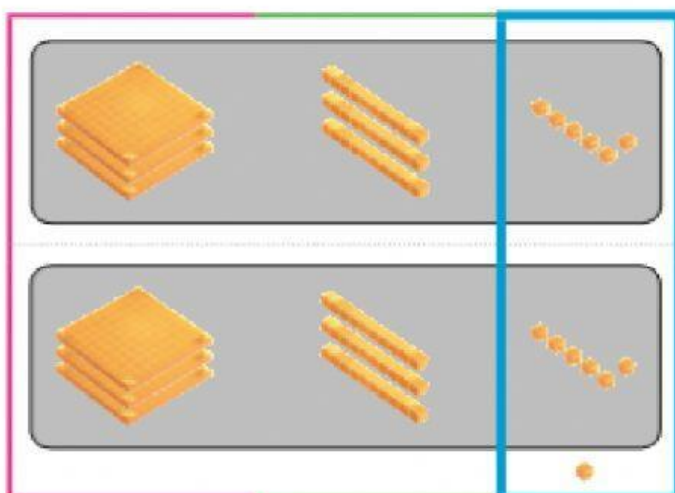
$$1 \text{ ten} = 10 \text{ ones}$$

Add the ones.

$$10 \text{ ones} + 3 \text{ ones}$$

$$= 13 \text{ ones}$$

$$\begin{array}{r} 33 \\ 2 \overline{) 673} \\ \underline{6} \phantom{00} \\ 13 \phantom{0} \\ \underline{12} \phantom{0} \\ 13 \end{array}$$



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

$$13 \text{ ones} \div 2$$

$$= 6 \text{ ones in each group with remainder}$$

$$1 \text{ one}$$

$$\begin{array}{r} 33 \\ 2 \overline{) 673} \\ \underline{6} \phantom{00} \\ 7 \phantom{0} \\ \underline{6} \phantom{0} \\ 13 \phantom{0} \\ \underline{12} \phantom{0} \\ 1 \end{array}$$

$$\text{So, } 673 \div 2 = 336 \text{ R1}$$