

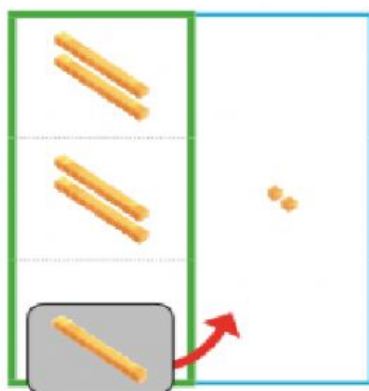


## Let's Learn!

### Division with Regrouping in Tens and Ones

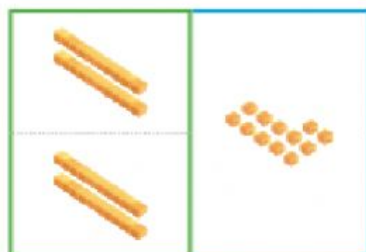
- 1 Fandi has 52 fish. He shares them with his friend.  
How many fish does each boy get?

$$52 \div 2 = ?$$



First, divide the **tens** by 2.  
 $5 \text{ tens} \div 2$   
 $= 2 \text{ tens in each group with}$   
 $\text{remainder } 1 \text{ ten}$

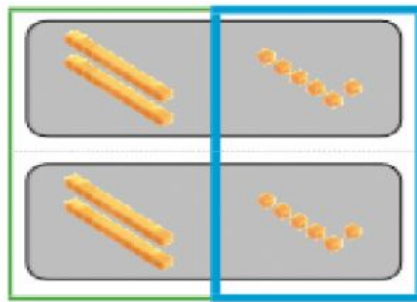
$$\begin{array}{r} 2 \\ 2 \overline{) 52} \\ \underline{4} \phantom{0} \\ 1 \phantom{0} \end{array}$$



Regroup the 1 ten.  
 $1 \text{ ten} = 10 \text{ ones}$   
Add the ones.  
 $10 \text{ ones} + 2 \text{ ones} = 12 \text{ ones}$

$$\begin{array}{r} 2 \\ 2 \overline{) 52} \\ \underline{4} \phantom{0} \\ 1 \phantom{0} 2 \end{array}$$





Then, divide the **ones** by 2.  
 $12 \text{ ones} \div 2$   
 $= 6 \text{ ones in each group}$

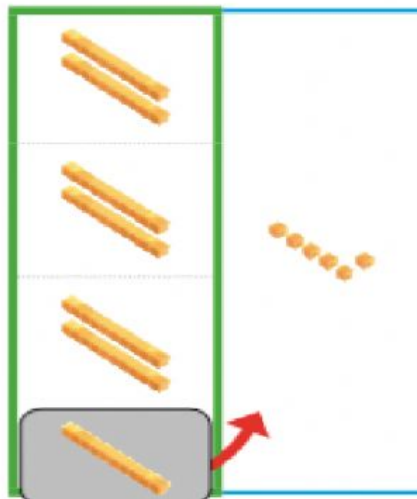
$$\begin{array}{r} 2 \overline{) 52} \\ \underline{4} \phantom{0} \\ 12 \\ \underline{12} \\ 0 \end{array}$$

So,  $52 \div 2 = 26$ .

Each boy gets 26 fish.

**2** Divide 76 by 3.

$$76 \div 3 = ?$$



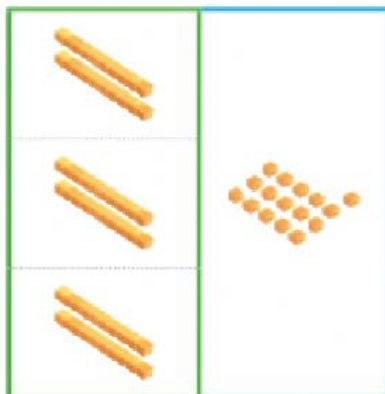
First, divide the **tens** by 3.

$$7 \text{ tens} \div 3$$

$= 2 \text{ tens in each group}$

with remainder 1 ten

$$\begin{array}{r} \phantom{2} \\ 3 \overline{) 76} \\ \underline{6} \phantom{0} \\ 16 \end{array}$$



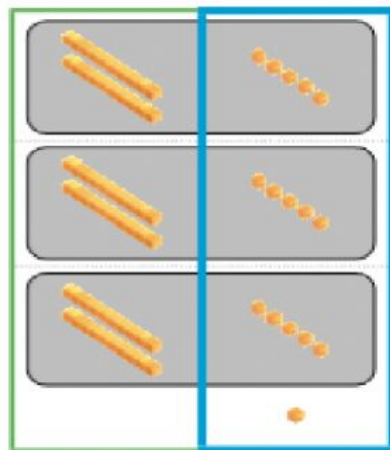
Regroup the 1 ten.

1 ten = 10 ones

Add the ones.

$$10 \text{ ones} + 6 \text{ ones} = 16 \text{ ones}$$

$$\begin{array}{r} 2 \\ 3 \overline{) 76} \\ \underline{6} \end{array}$$



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

$$16 \text{ ones} \div 3$$

= 5 ones in each group with

remainder 1 one

$$\begin{array}{r} 2 \\ 3 \overline{) 76} \\ \underline{6} \\ 16 \\ \underline{15} \\ 1 \end{array}$$

So,  $76 \div 3 =$   R .