

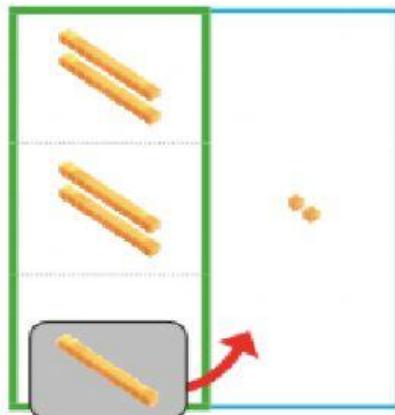


## Let's Learn!

### Division with Regrouping in Tens and Ones

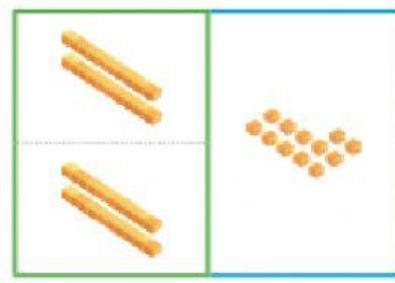
1 Fandi has 52 fish. He shares them with his friend. How many fish does each boy get?

$$52 \div 2 = ?$$



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

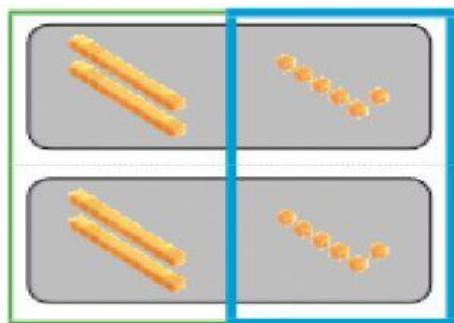
$$\begin{array}{r} 2 \\ 2) 5 \overline{) 2} \\ \underline{4} \\ 1 \end{array}$$



Regroup the 1 ten.  
1 ten = 10 ones  
Add the ones.  
10 ones + 2 ones = 12 ones

$$\begin{array}{r} 2 \\ 2) 5 \overline{) 2} \\ \underline{4} \\ 1 \ 2 \end{array}$$

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

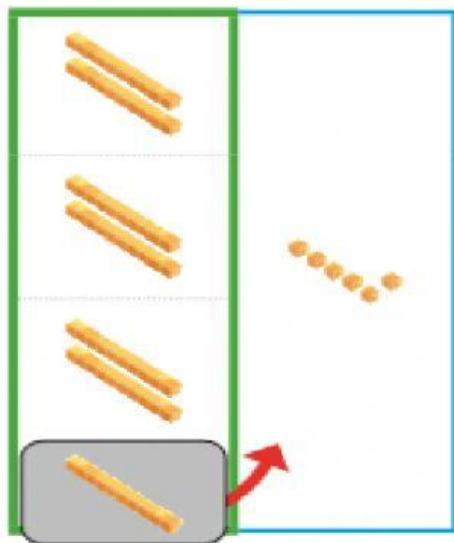
$$\begin{array}{r}
 2 \mid 6 \\
 2) 5 \ 2 \\
 \underline{4} \\
 1 \ 2 \\
 1 \mid 2 \\
 \hline
 0
 \end{array}$$

So,  $52 \div 2 = 26$ .

Each boy gets 26 fish.

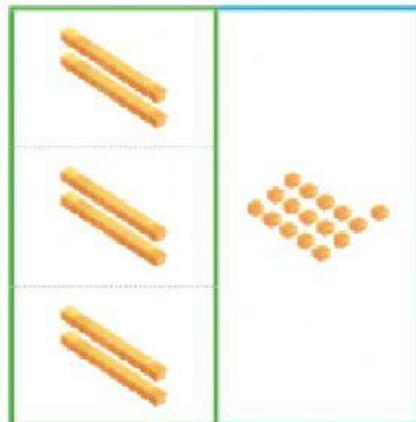
2 Divide 76 by 3.

$$76 \div 3 = ?$$



First, divide the **tens** by 3.  
 $7 \text{ tens} \div 3$   
 = 2 tens in each group  
 with remainder 1 ten

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



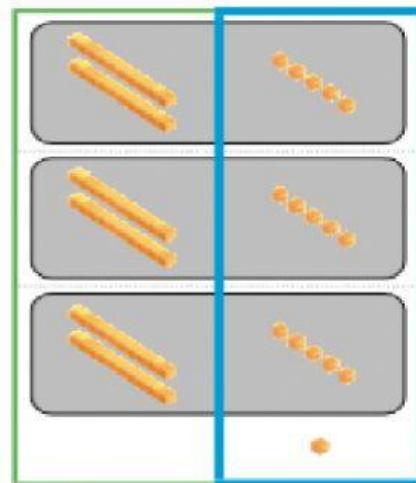
Regroup the 1 ten.

1 ten = 10 ones

Add the ones.

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

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



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

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

= 5 ones in each group with  
remainder 1 one

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

So,  $76 \div 3 =$    R  .