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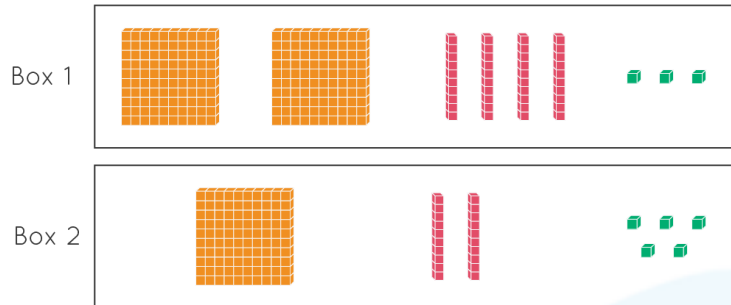
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Base Ten Blocks Worksheet 2nd Grade

1) Add the blocks and fill the blanks.

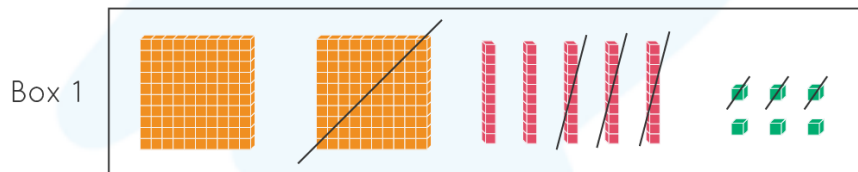


Number in Box 1 =

Number in Box 2 = +

Sum =

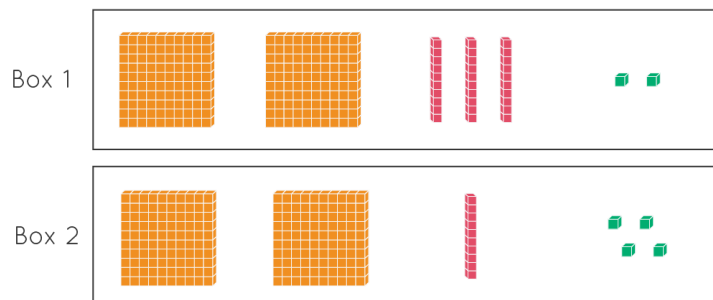
2) Subtract and write the correct number in the box.



256

-

3) Count the number of blocks and find the sum.

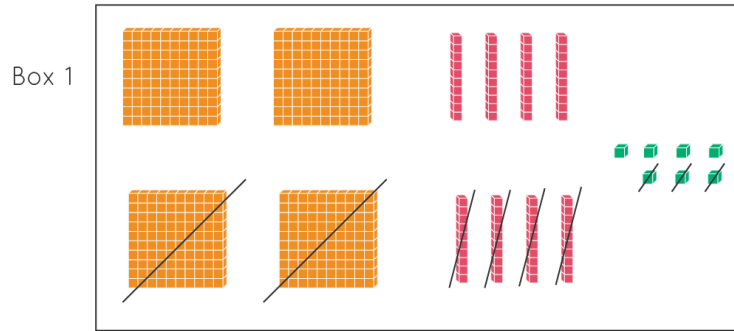


Number in Box 1 =

Number in Box 2 = +

Sum =

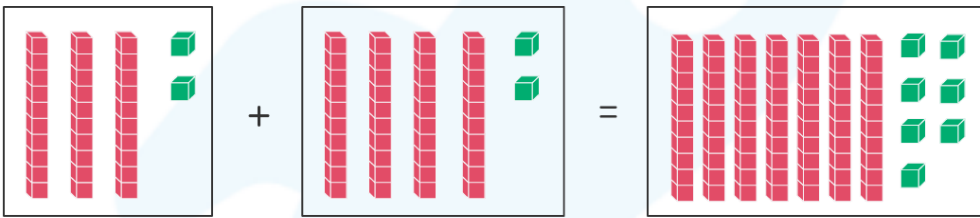
4) Count the blocks and subtract.



Represent the above shown subtraction:

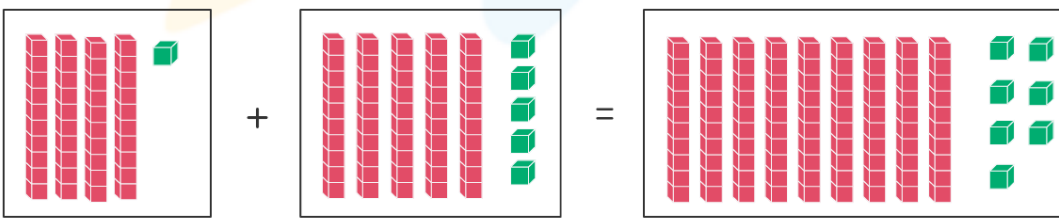
$$\begin{array}{r} 487 \\ - \quad \quad \\ \hline \end{array}$$

5) Following addition using base ten blocks is true or false.



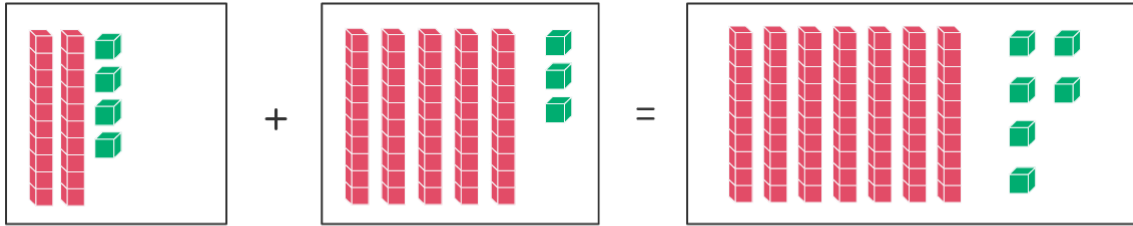
$$\begin{array}{r} 3 \text{ T} + 2 \text{ O} \\ 32 \end{array} + \begin{array}{r} 4 \text{ T} + 5 \text{ O} \\ 45 \end{array} = \begin{array}{r} 7 \text{ T} + 7 \text{ O} \\ 77 \end{array}$$

6) Count the blocks and fill the Tens and Ones correctly.



$$\begin{array}{r} \square \text{ T} + \square \text{ O} \\ \square \end{array} + \begin{array}{r} \square \text{ T} + \square \text{ O} \\ \square \end{array} = \begin{array}{r} \square \text{ T} + \square \text{ O} \\ \square \end{array}$$

7) Count the blocks and fill the blank spaces

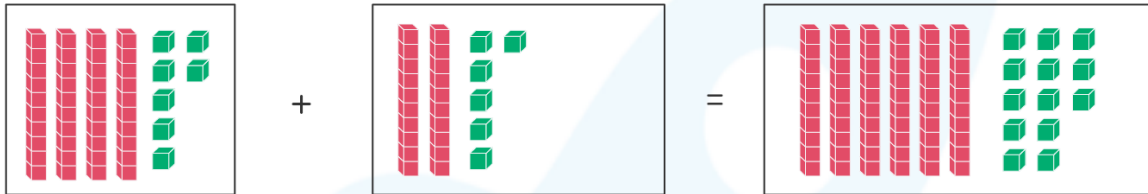


$$\boxed{} \text{ T} + \boxed{} \text{ O} \\ \boxed{}$$

$$\boxed{} \text{ T} + \boxed{} \text{ O} \\ \boxed{}$$

$$\boxed{} \text{ T} + \boxed{} \text{ O} \\ \boxed{}$$

8) Add by grouping.



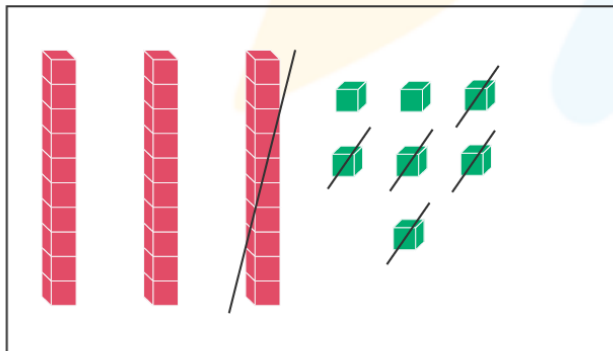
$$\boxed{} \text{ T} + \boxed{} \text{ O} \\ \boxed{}$$

$$\boxed{} \text{ T} + \boxed{} \text{ O} \\ \boxed{}$$

$$\boxed{} \text{ T} + \boxed{} \text{ O} \\ \boxed{} \text{ T} + \boxed{} \text{ O} \\ \boxed{}$$

9) Subtract the numbers using base ten blocks.

$$37 - 15$$



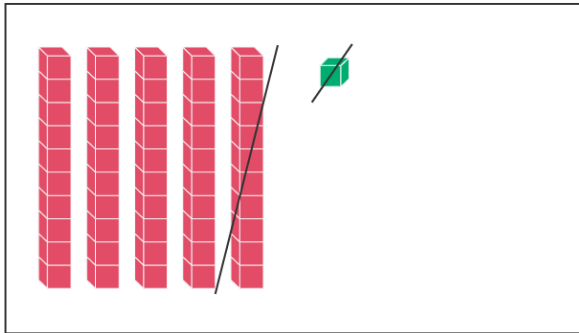
$\boxed{}$ tens and $\boxed{}$ ones

- $\boxed{}$ tens and $\boxed{}$ ones

$\boxed{}$ tens and $\boxed{}$ ones

10) Solve the following with the help of base ten blocks

$$51 - 11$$



<input type="text"/>	tens and	<input type="text"/>	ones	
-	<input type="text"/>	tens and	<input type="text"/>	ones
<hr/>				
<input type="text"/>	tens and	<input type="text"/>	ones	
<hr/>				

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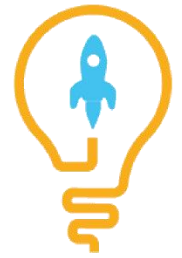
- Kirk Riley

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- Barbara Cabrera

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ANSWERS

1.	$\begin{array}{r} 243 \\ +125 \\ \hline 368 \end{array}$
2.	$\begin{array}{r} 256 \\ -133 \\ \hline 123 \end{array}$
3.	$\begin{array}{r} 232 \\ +214 \\ \hline 446 \end{array}$
4.	$\begin{array}{r} 487 \\ -243 \\ \hline 244 \end{array}$
5.	False
6.	$41 + 55 = 96$
7.	$24 + 53 = 77$
8.	$47 + 26 = 73$
9.	$\begin{array}{r} 3 \text{ tens and } 7 \text{ ones} \\ - 1 \text{ tens and } 5 \text{ ones} \\ \hline 2 \text{ tens and } 2 \text{ ones} \end{array}$
10.	$\begin{array}{r} 5 \text{ tens and } 1 \text{ ones} \\ - 1 \text{ tens and } 1 \text{ ones} \\ \hline 4 \text{ tens and } 0 \text{ ones} \end{array}$

FUN FACT

1. Base ten blocks, also known as multibase arithmetic blocks or Dienes blocks, are a mathematical manipulative used by students to learn basic mathematical concepts including addition, subtraction, number sense, place value and counting.
2. It lets investigate how to regroup and solve problems with whole numbers and eventually fractions and decimals.
3. Base Ten Blocks provides a visual foundation for the abstract algorithms to be studied later.

