

Name: _____

Date _____

Tens and Ones Step-by-Step Lesson

1. Draw the number of cubes that are missing:

$$\begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array} = \begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array}$$

How to do #1: The cross out method works great for this one. Cross out the boxes that are the same on both sides of the = symbol. The boxes that are not crossed out are the boxes that are missing on the other side. This is what it will look like when you are done crossing out:

$$\begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array} = \begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array}$$

As we can see 10 boxes are crossed out on both sides. This leaves five boxes, so that is what is missing. Draw 5 boxes in that missing slot to complete the problem.

$$\begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array} = \begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \hline \square & \square & \square & \square & \square & \square & \square & \square & \square & \square \\ \hline \end{array}$$

2. $16 = \underline{\quad}$ tens $\underline{\quad}$ ones

How to do #2: For every digit you have in a number, there is a place value. If you have a 1 digit number, it has one place value. If you have a 2 digit number, it has two place values.

We are working with the number 16, so it has 2 place values.



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1	6
Tens Place	Ones Place

The place value to right is the ones place. The ones place is made up of 1s only. This number therefore has 6 ones (1 1 1 1 1 1).

The place value to the left is the tens place. It tells you how many tens are in the number. This number has 1 tens (10).

$$16 = 1 \text{ tens } 6 \text{ ones}$$

3.

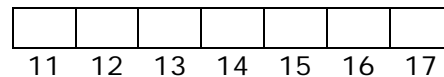
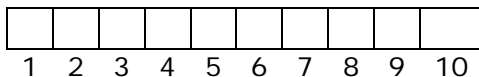
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How many boxes are present? _____

_____ tens _____ ones

How to do #3: The first part asks you to count the boxes.



There are 17 boxes.

Now we need to find the place values of 17. The first number shows the tens place and the last name shows the ones place.

1 tens 7 ones

