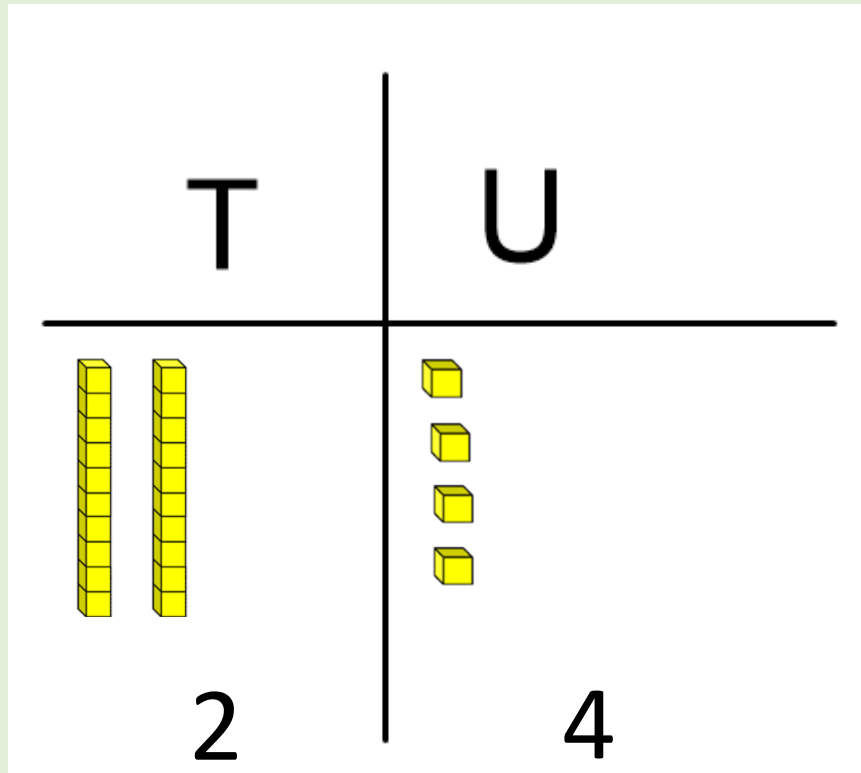


Place Value recap!

We have not started Year 3 Maths yet as to do so we need to make sure that all children can remember and apply what they learnt in Year 2.

This session may be easy for some of your children but it is just setting a foundation and recapping existing knowledge ready for Year 3 Maths.



1. 4 ones
 2. 2 tens
- So the value is 24.


This is a place value grid.

The T stands for tens and the U for units.

We can look at this to help us work out the value of a number.

The **value** of something is how much it is worth.

These are called dienes or base 10.

 This little cube is worth just 1 and they go in the units column. Sometimes this is called the ones column.



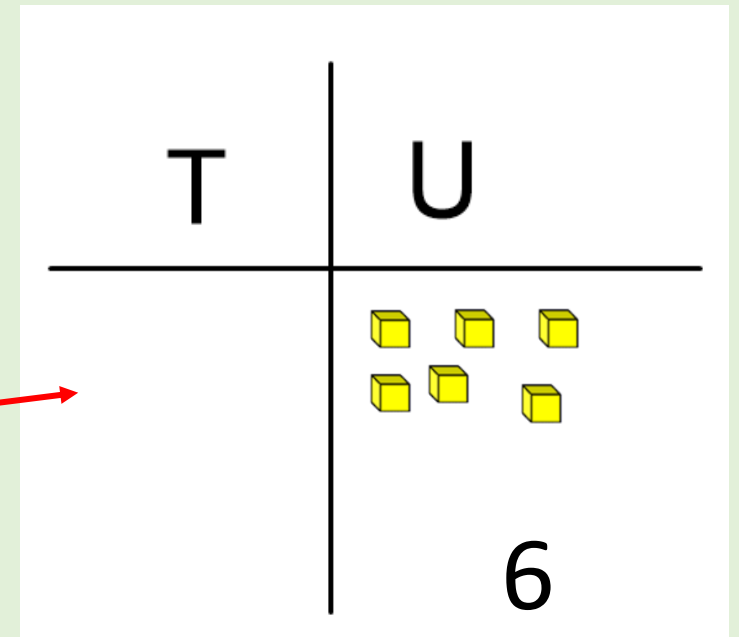
This stick is made up of 10 little 1 cubes. The value of it is 10. These go in the tens column.

When we want to work out the value of a number we can use dienes to help us.

1. Count how many in the units and write underneath
2. Count how many in the tens and write underneath
3. Read the number as a whole.

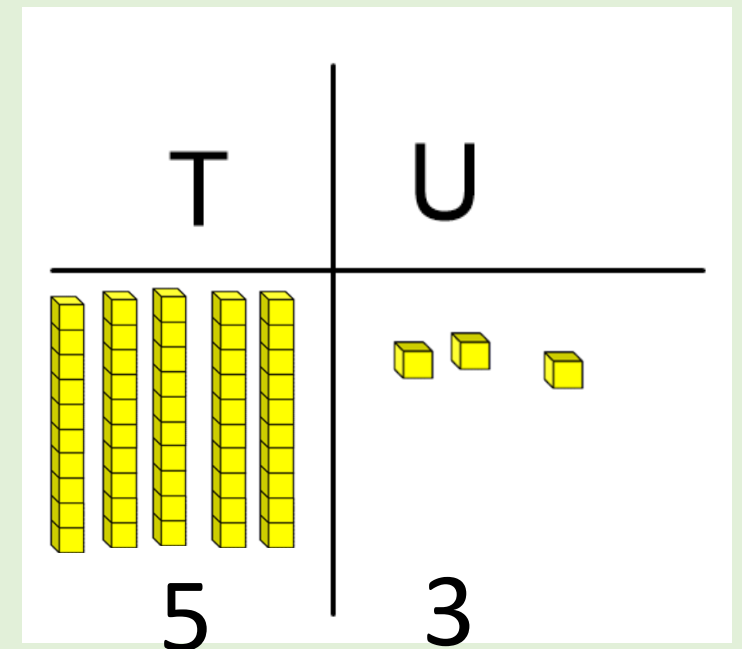
The value of 6 ones = 6

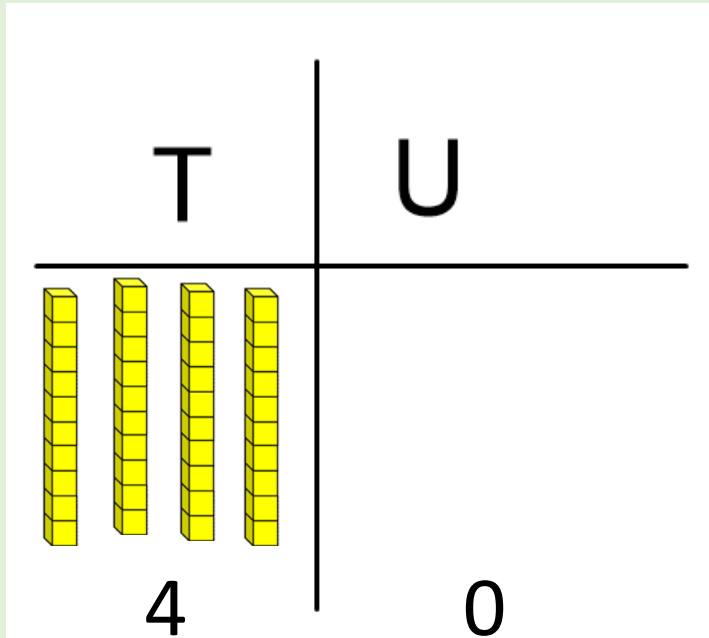
There is nothing in my tens column
so we leave that empty.



Here we have got 5 tens and 3 ones.

So the value of the number is = 53

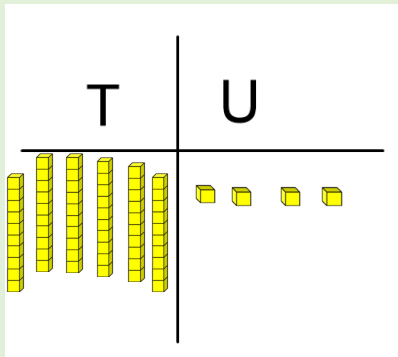




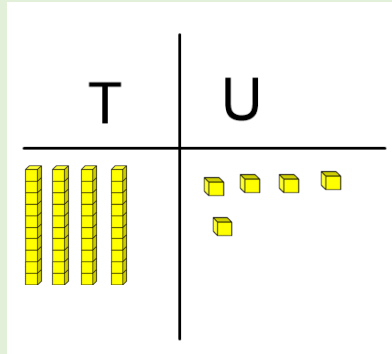
We can never leave the ones column blank because it is a place holder column. Even if there isn't anything in it, we just have to write a 0.

If we didn't put a 0 in the units column we would just read 4.

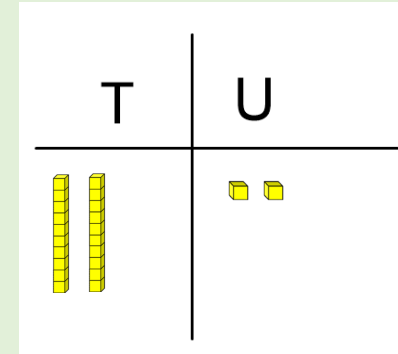
But actually it is 4 tens and the value is 40. There are 4 tens and 0 ones.



6 tens and
4 ones =
64



4 tens and
5 ones =
45



2 tens and
2 ones =
22

Could you work out what the value of these are:

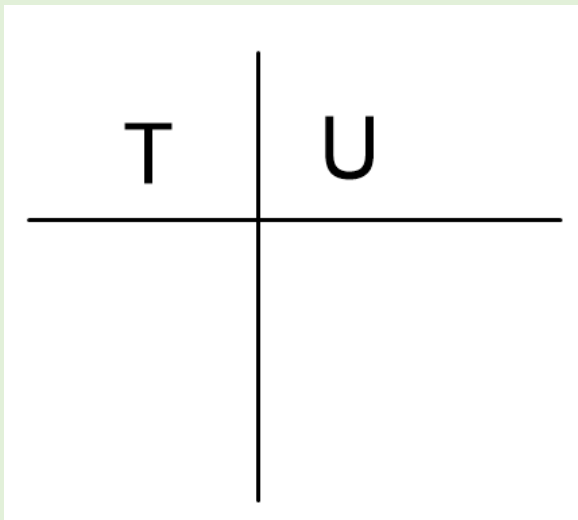
1. 3 tens and 8 ones =

2. 6 tens =

3. 1 ten and 6 ones =

Use the place value grid to help you, you could write the numbers in or draw the dienes in.

If you would like to use some dienes, maybe you could use some pencils for your tens and some pieces of pasta as your ones or you could just draw them out.



Did you get the right answers?

1. 3 tens and 8 ones = 38
2. 6 tens = 6
3. 1 ten and 6 ones = 16

These are tricky but if you're feeling confident give them a go. Think carefully about the value.

Activity: Now see if you can give some of these questions a go. Choose whether you would like to start on bronze, silver or gold.

Bronze	Silver	Gold
7 ones	6 tens and 5 ones	seven tens and 3 ones
9 ones	2 tens and 3 ones	4 ones and 2 tens
8 ones	5 tens and 7 ones	6 tens and two ones
6 tens	6 tens and 9 ones	55 ones
1 ten	1 ten and 8 ones	72 ones
5 ones		2 tens and 15 ones
3 tens		3 tens and 18 ones
		1 ten and 23 o