


We are going to make the number 29 in different ways.


Ask your child to fill a ten frame by putting 1 counter in each box. When the ten frame is full, ask them "how many counters are there?"


Now ask your child to fill another ten frame. Ask them "how many counters are there now?" Show them that there are 2 tens which

$$
\text { is } 20 \text { counters. }
$$



Take another ten frame and ask "how many more counters do we need to make 29?' They may need to count in 1 s from 21 to 29 to realise that they need 9 more counters.


Ask "What number is represented?" Explain that there are 2 tens (completed ten frames) and 9 ones. This is the number 29


Draw a part-whole model with two parts. Write 29 in the whole and ask your child what the parts could be.


Draw another part-whole model with three parts. Ask your child what the parts could be. Ask them to show you where each part is on the ten frames.


Ask your child to make 29 using straws. Get them to bundle 20 of the straws into 2 groups of 10 . If you don't have straws, you could use pencils or strips of paper.

## Now Try These



Now explain that we're going to make the number 29 using different equipment, starting with Base 10.

Explain to your child that the yellow rod is worth ten because it is made up of 10 ones.


Ask "how many tens are there in 29?" There are 2 tens.
Ask "how many ones are there in 29?" There are 9 ones.
Make the number 29 using Base
10


The next step in understanding is for your child to know that the ten rod can be represented by a single ten counter.


Ask your child to make 29 using place value counters. Show them the link between the tens and ones in Base 10 and the place value counters.

## Now Try These



For next steps, you could show your place value counters on a place value chart. This helps children organise their work.

Try representing each of the numbers using Base 10 and place value counters. For older children, try making some bigger numbers.

## Printouts - Ten Frames



White

Pirinouss -Conners -00000000 000000000

## Printouts - Place Value Counters



## Printouts - Base 10




## Printouts - Place Value Chart

| Tens | Ones |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |

## Printouts - Place Value Chart

| Hundreds | Tens | Ones |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

