

Place Value

and Estimating

*Year 2 Summer Term Week 2*

*Lesson 3*

# Today we will be learning to:

- understand and use words about estimation and approximation
- give a sensible estimate for a number of objects
- find the difference between an estimate and actual count.

# Mental Activity

Today we are going to practise number bonds to 10.


I shall call out a number.

How much more do you need to add to it  
to make it total 10?

What strategy did you use?



Now we are going to practise number  
bonds to 100.



I shall call out a multiple of 10.

How much more do you need to add to it  
to make it total 100?

What strategy did you use?





# Main Activity

Today we are going to be

estimating

counting

and comparing numbers.

What does **estimate** mean?

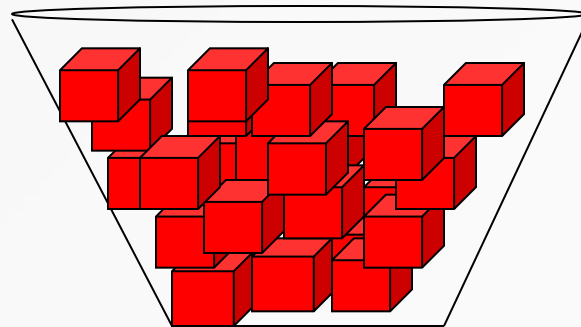
An **estimate** is a reasonable guess. It can never be wrong.



I will take a handful of cubes.

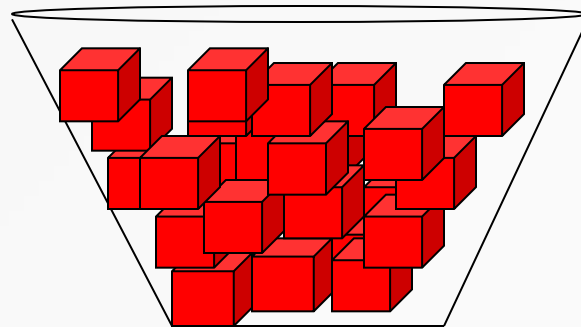
I will put them into a glass.

Estimate how many cubes you can see.



I will remove about half the cubes.

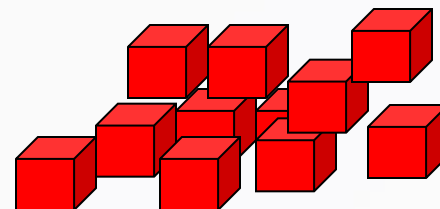
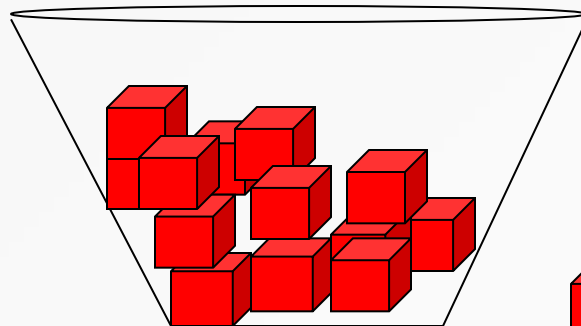
Start to count out the others.



I will remove about half the cubes.

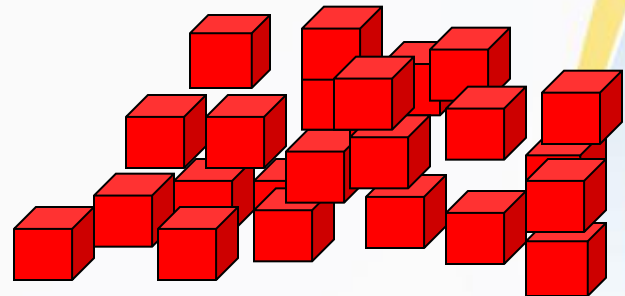
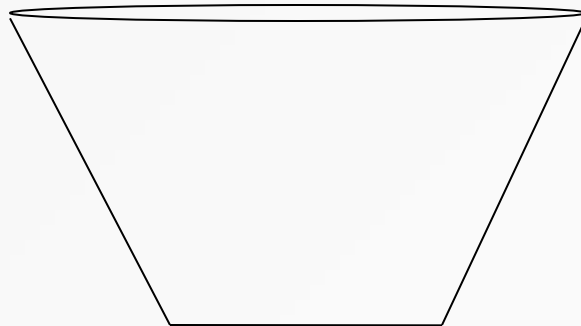
Start to count out the others.

Would you like to change your estimate?

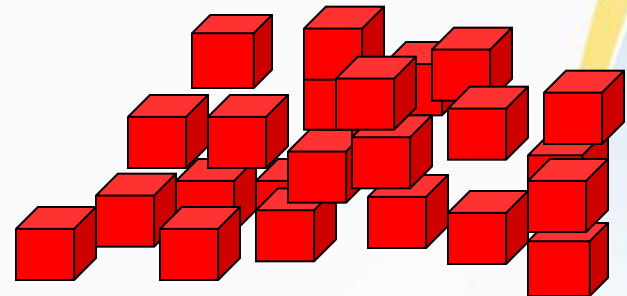
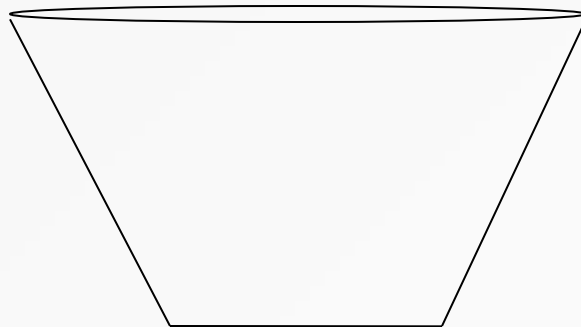


The more you know about the number,  
the closer your estimate will be.

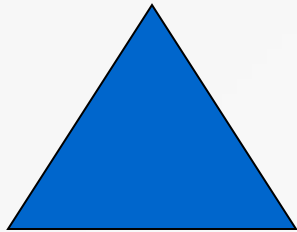
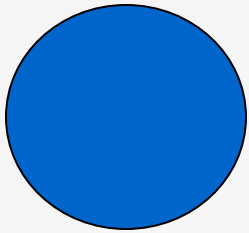
Was your estimate close?



Calculate the difference between each estimate and the count.



# Group Work



Take a handful of objects.  
Estimate how many there are.  
Count them. Work out the  
difference between your  
estimate and the actual count.