

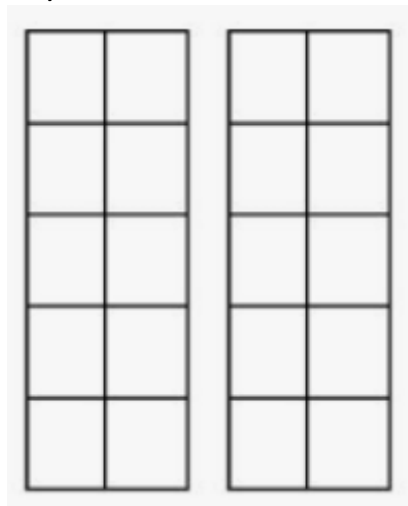
## 22.4.21

### How many tens?

Use the tens frames below and put some counters on imagining that each counter (piece of paper or whatever you have to hand) has a value of ten. How many tens? How would we say the number?

Eg 18 tens = 180

Repeat this 5 times.



Look at the number square below.

10	20	30	40	50	60	70	80	90	100
110	120	130	140	150	160	170	180	190	200
210	220	230	240	250	260	270	280	290	300
310	320	330	340	350	360	370	380	390	400
410	420	430	440	450	460	470	480	490	500
510	520	530	540	550	560	570	580	590	600
610	620	630	640	650	660	670	680	690	700
710	720	730	740	750	760	770	780	790	800
810	820	830	840	850	860	870	880	890	900
910	920	930	940	950	960	970	980	990	1,000

Count in multiples of 10. What do you notice when you get to the end of each row?

Choose a number and say how many tens it is made from.

Repeat 5 times.

Look at the number square below

100	200	300	400	500	600	700	800	900	1,000
1,100	1,200	1,300	1,400	1,500	1,600	1,700	1,800	1,900	2,000
2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	3,000
3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	4,000
4,100	4,200	4,300	4,400	4,500	4,600	4,700	4,800	4,900	5,000
5,100	5,200	5,300	5,400	5,500	5,600	5,700	5,800	5,900	6,000
6,100	6,200	6,300	6,400	6,500	6,600	6,700	6,800	6,900	7,000
7,100	7,200	7,300	7,400	7,500	7,600	7,700	7,800	7,900	8,000
8,100	8,200	8,300	8,400	8,500	8,600	8,700	8,800	8,900	9,000
9,100	9,200	9,300	9,400	9,500	9,600	9,700	9,800	9,900	10,000

Count in multiples of 100.  
What do you notice when you get to the end of each row?

Choose a number and say how many hundreds it is made from. Then say how many tens it is made from.

Repeat 5 times

Look at the Gattengor chart.

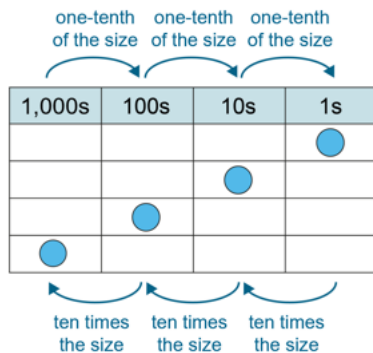
1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000
100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9

Circle 2 numbers. What can you tell me?

Repeat 5 times.

## 23.4.21

### How are they related?



Think about how the dot moves from 1 column to another.

Eg to move from 1s to 10s you multiply by 10.

To move from 100s to 10s you divide by 10.

Use this information to help you to answer the questions below.

1. How many 10cm lengths can a 310cm length of ribbon be cut into?
2. The school office sells 52 poppies for 10p each. How much money have they collected altogether?
3. I take 10ml of medicine every day. How many days will a 250ml bottle last?
4. Marek is 2 years old, and has a mass of 10kg. His father's mass is 10 times as much. What is the mass of Marek's father?
5. Janey saves up £100. This is 10 times as much money as her brother has. How much money does her brother have?
6. Circle the numbers that are multiples of 10. Explain your answer.

640      300      105      510      330      409      100      864

# The Deca Tree



The deca tree  
has 10 trunks.

On each trunk  
there are 10  
branches.

On each branch  
there are  
10 twigs.

On each twig  
there are  
10 leaves.



One day a woodcutter came  
along and cut down one  
trunk from the tree.

Then he cut off one  
branch from another  
trunk of the tree.

He then cut off one  
twig from another branch.

Finally he pulled one leaf  
from another twig.

**How many leaves were left  
on the tree?**