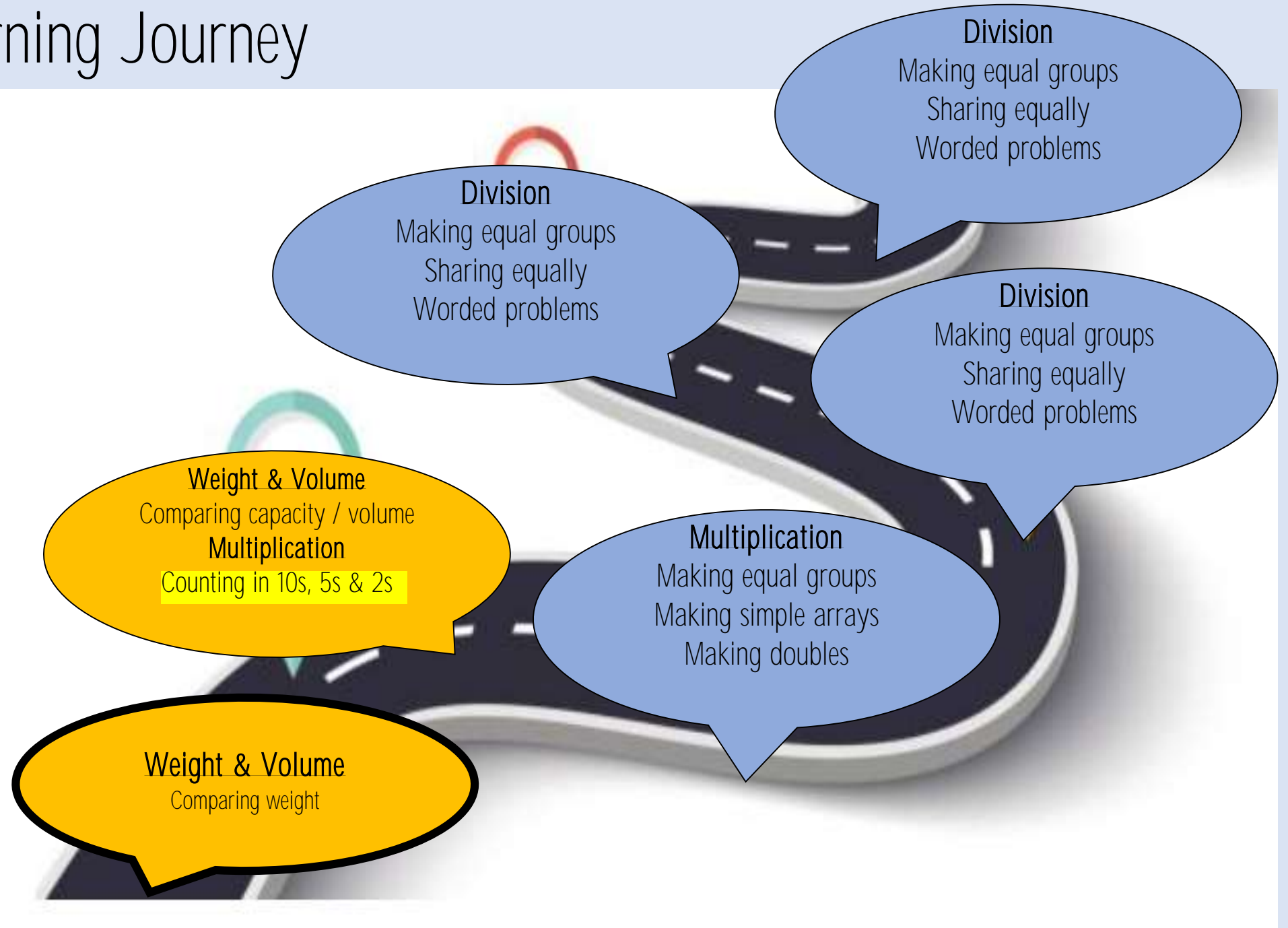


# Our Maths Learning Journey

Key vocabulary:

measure weight,  
capacity, volume,  
2s, 5s, 10s,  
pattern, sequence,  
counting, groups,  
pair, unequal,  
share





3 Who is correct?



Sam

The balloon will go down because it is bigger.



Katie

They will be equal because they are the same shape.



Maria

The balloon will go up because it is lighter.



Hassan

The egg will go down because it is lighter.



I think the bigger items are heavier.

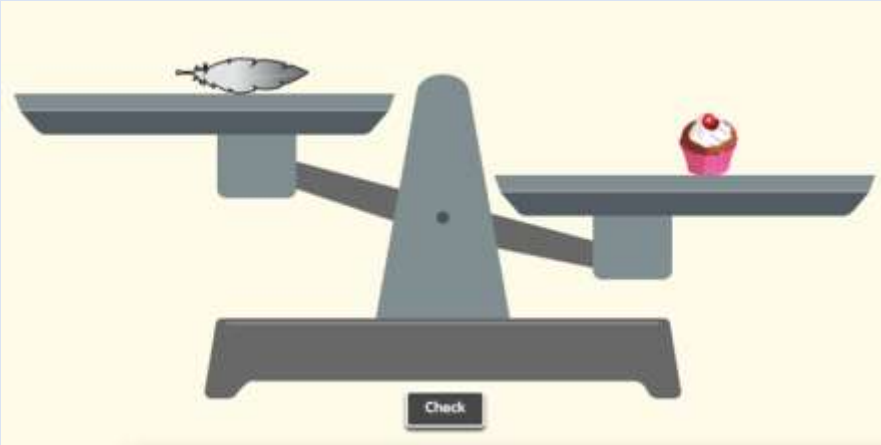


Is that always true?

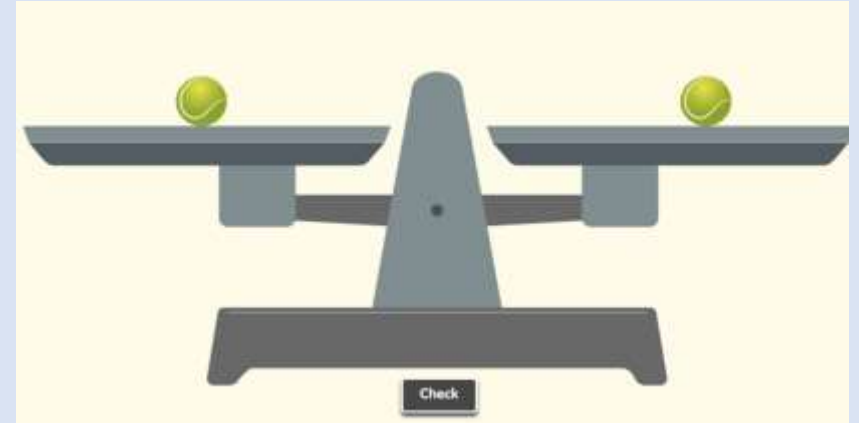


Monday 26<sup>th</sup> February 2024

*Let's recap our learning from last week.*



TPs- How would you **compare** the weight of the feather and the cupcake?



What does balanced or equal mean when using a scale?

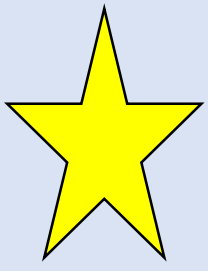


L.Q. Can I compare capacity?

### Steps to success

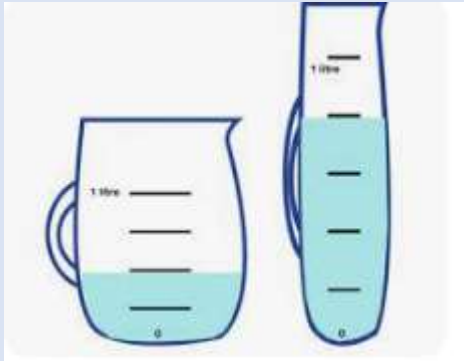
- I understand what capacity is.
- I can compare and order a set of containers according to their capacity.
- I can describe the volume of a container as full, empty, half full, nearly full, nearly empty.













# Star words

## capacity



compare

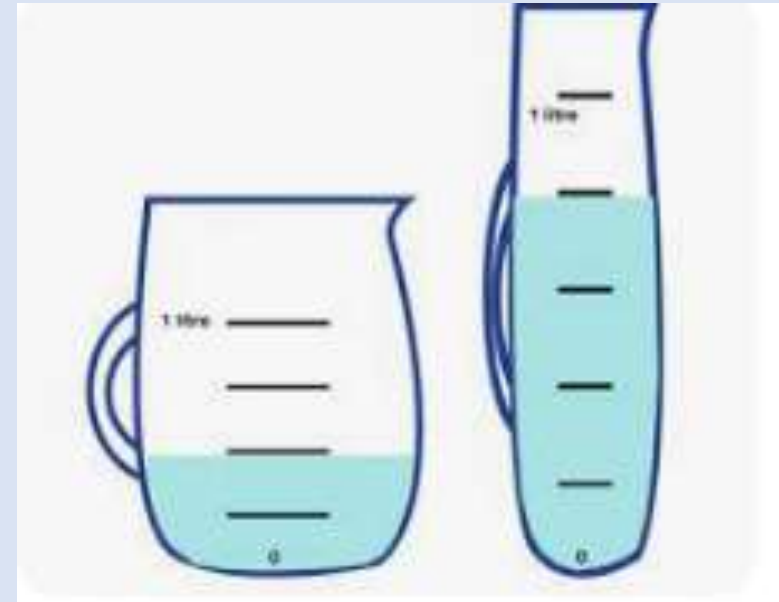


full 	nearly full 
empty 	nearly empty 
half full 	capacity 
half empty 	container 



# TPs- What is capacity?

<https://www.youtube.com/watch?v=dn4krNwKYEK>



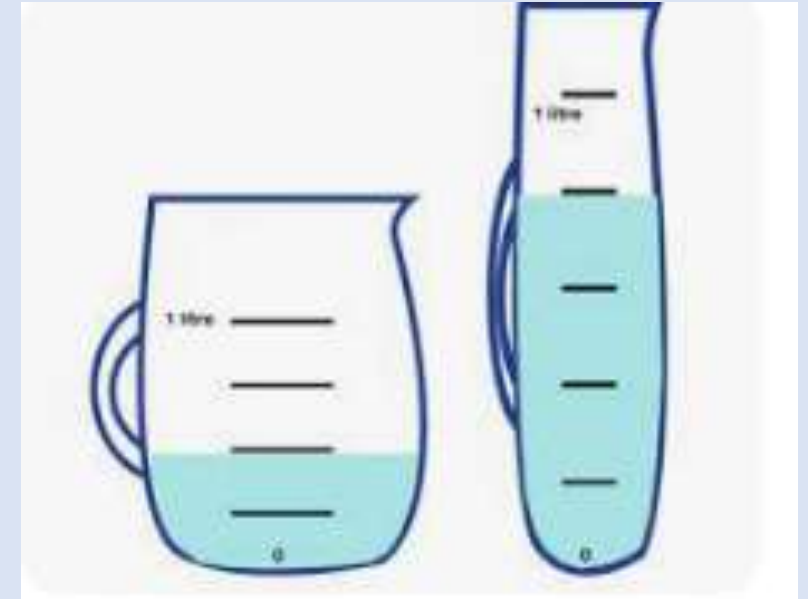
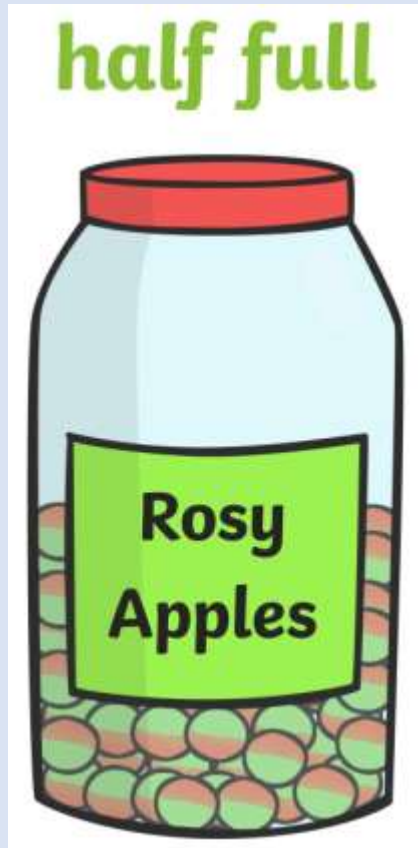
# Capacity Vocabulary

Click on the words below to see their meaning.





Capacity means **the maximum amount that something can contain**. Usually we use **liquid** to measure capacity but you can also explore capacity using other items. E.g. Rice, flour, sugar, sweets etc.



TPs- How would you describe the capacity of these jugs?



Which bottle holds the most liquid?

Which bottle holds the most liquid?



Which bottle holds the most liquid?

### Self Assessment

Do you understand how compare the capacity of liquid in objects?



# Your task

Use the containers, objects and water to explore capacity.



Self assessment  
Do you understand the task?

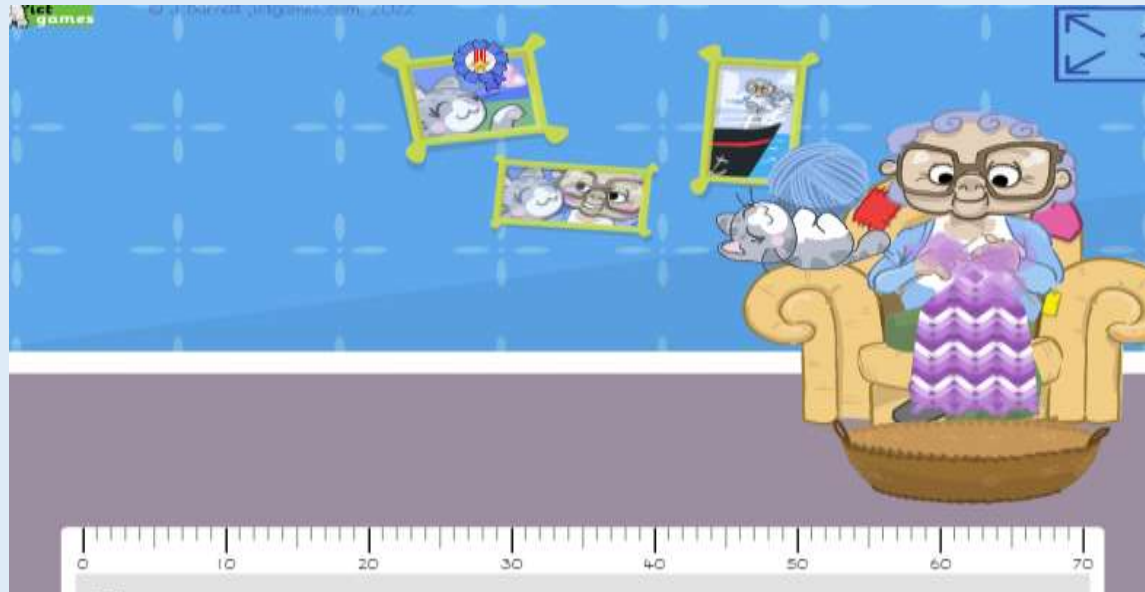


Tuesday 27<sup>th</sup> February 2024

# Recap – Length

*Let's measure in the length of Grans scarf using a ruler, record the measurement on your white board.*

<https://ictgames.com/mobilePage/kittenKnittin/index.html>



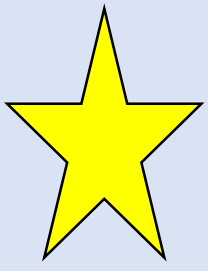


L.Q. Can I compare capacity?

### Steps to success

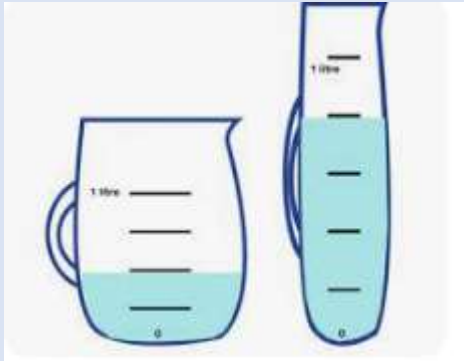
- I understand what capacity is.
- I can compare and order a set of containers according to their capacity.
- I can describe the volume of a container as full, empty, half full, less than half full, more than half full.





# Star words

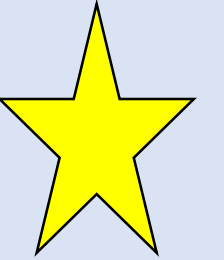
## capacity



compare



full		nearly full	
empty		nearly empty	
half full		capacity	
half empty		container	







TPs – Which of these cups does Molly want?




TPs – Which cup is **empty**? Which cup is **full**?

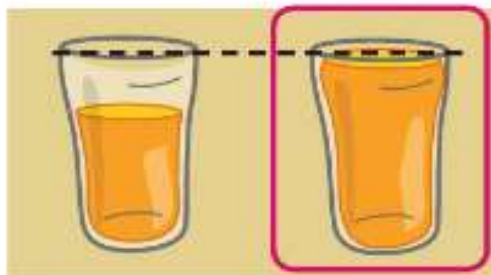



## Share

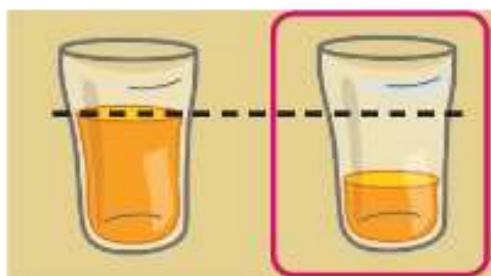
a)


I compared the glasses by looking for the level of squash.

Molly wants less than .



This glass has more than .



This glass has less than .

Molly wants this glass.



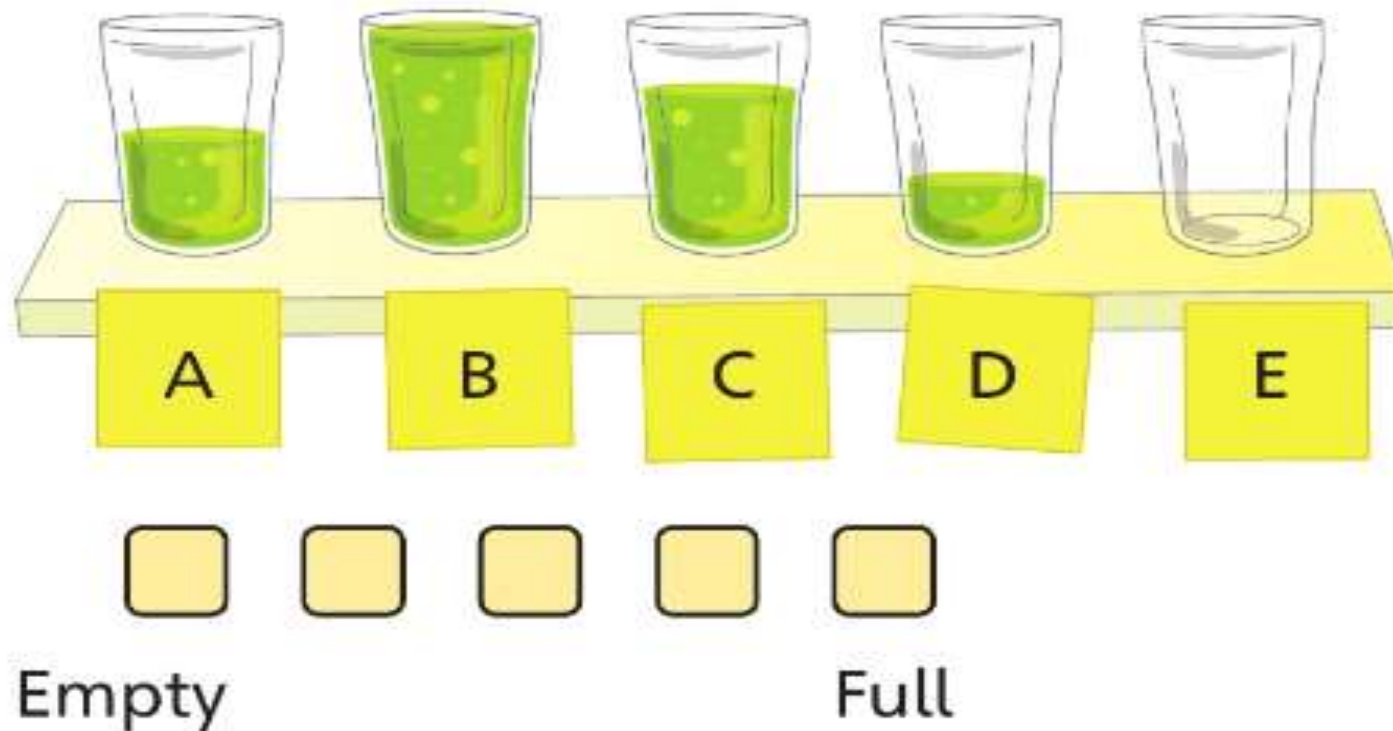
This glass is full.



This glass is empty.

## Think together

- I Put these in order, from empty to full.



Molly and Fred both pour their drinks into a jug.



The jugs have the same capacity. These are the drinks after they poured them into the jugs.  
TP – Whose cups holds more drink?

Molly



Fred

# Your task

LQ: Can I compare capacity?

I WS

1 2 3


Use the star words to help you explain your answers:




capacity, full, empty, half full, nearly full, compare, equal,



1. Complete these sentences.

a)  is \_\_\_\_\_.

b)  is \_\_\_\_\_.

2. Lee says, his bottle is nearly full is he correct?



Is he correct? How do you know?

*Sentence starter*

Yes, he is correct because \_\_\_\_\_.

No, he is incorrect because \_\_\_\_\_.

3. Put these in order, from full to empty.

Put these in order, from full to empty.



27.02.2024

LQ: Can I compare capacity?

We worked with an adult to match the correct vocabulary card with its matching picture. Then we created that capacity independently using cubes and containers to consolidate our understanding of capacity.



full

nearly full

half full

half empty

Self Assessment

Do you understand the task?



Wednesday 28<sup>th</sup> February 2024

Let's recap counting in 2's and 5's....

Can we count in 2's and 5's?

[The Counting by Twos Song | Counting Songs | Scratch Garden - YouTube](#)



[The Counting by Fives Song | Counting Songs | Scratch Garden \(youtube.com\)](#)



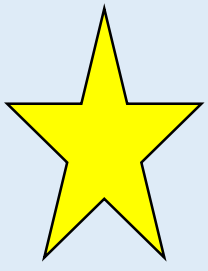


L.Q. Can I count in 10s?

Steps to success



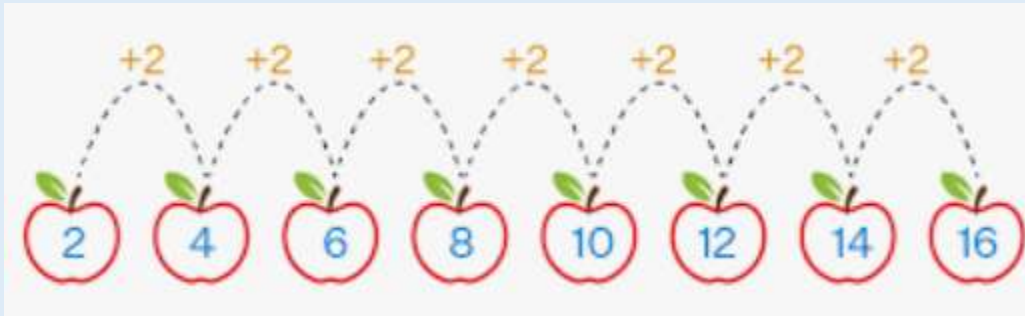
- I can count in a sequence.
- I can recognise the pattern in number.
- I can count in 10s.



# Star words



sequence



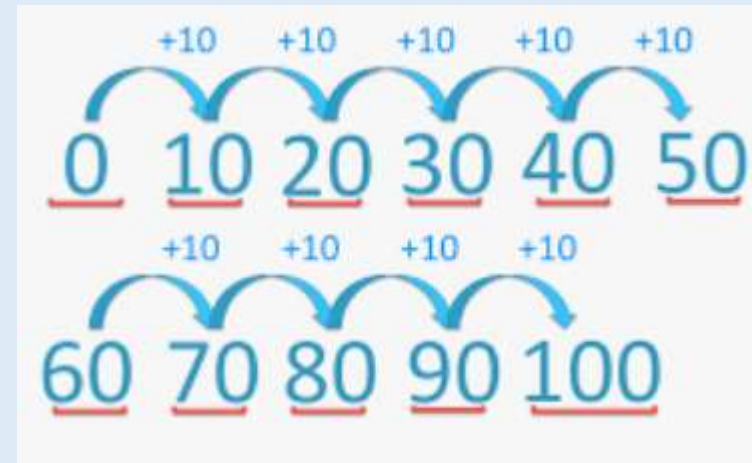
pattern



counting



tens





Look at the picture...

Jonathan is buying tins of paint to sell in his shop.



Jonathan bought 10 more tins of paint.  
TPs- How many tins does he have now?

He now has 20 tins of paint. Did you know there is a quicker way that we can count?  
We can count in **10's!!**

# Let's practice together...

<https://www.youtube.com/watch?v=Ftati8iGQcs>



TPs- Did you notice a **pattern** in the numbers?  
What does every number **end in**?

Self Assessment

Do you understand how to count in 10's?



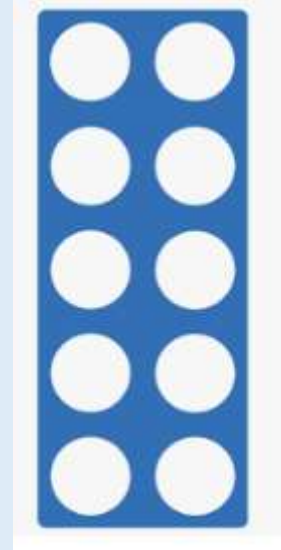
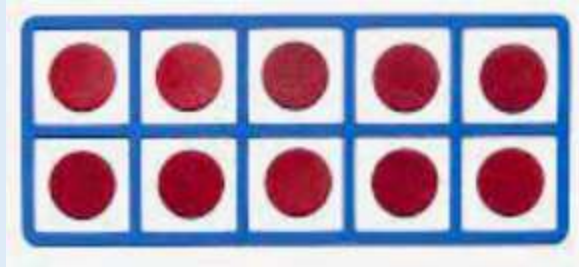
# Let's practice together...

Jonathan bought more cans of paint. Let's help him count in 10's.



# Let's practice together...

TPs- What do all these maths resources represent when we think of number and place value?



They all represent 10!!

TPs- Can you count these diene sticks in 10's?  
How many are there?



## Self Assessment

Do you understand how to count in 10's?

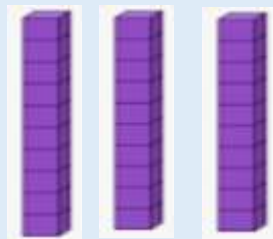
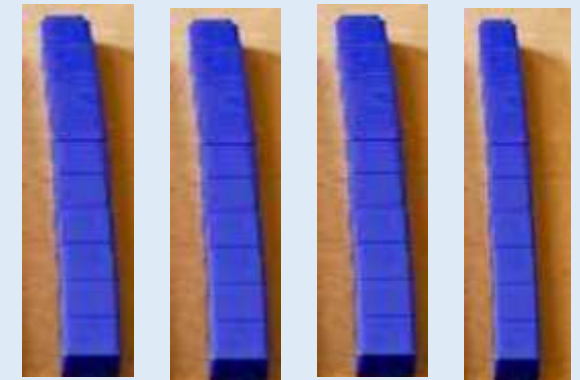
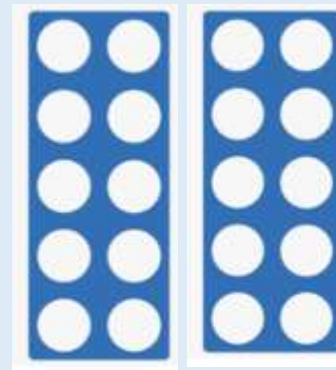
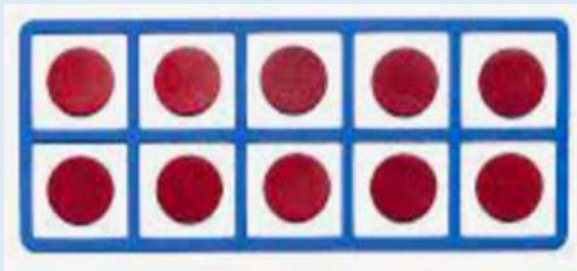




# Your task

In partners, use math resources (dienne sticks, cubes, tens frames & numicon) to create numbers that match number cards.

**Count in 10's** to check that you have made the correct number.



## Self Assessment

Do you know what you have to do?



Thursday 29<sup>th</sup> February 2024

## Let's recap counting in 2's and 5's....

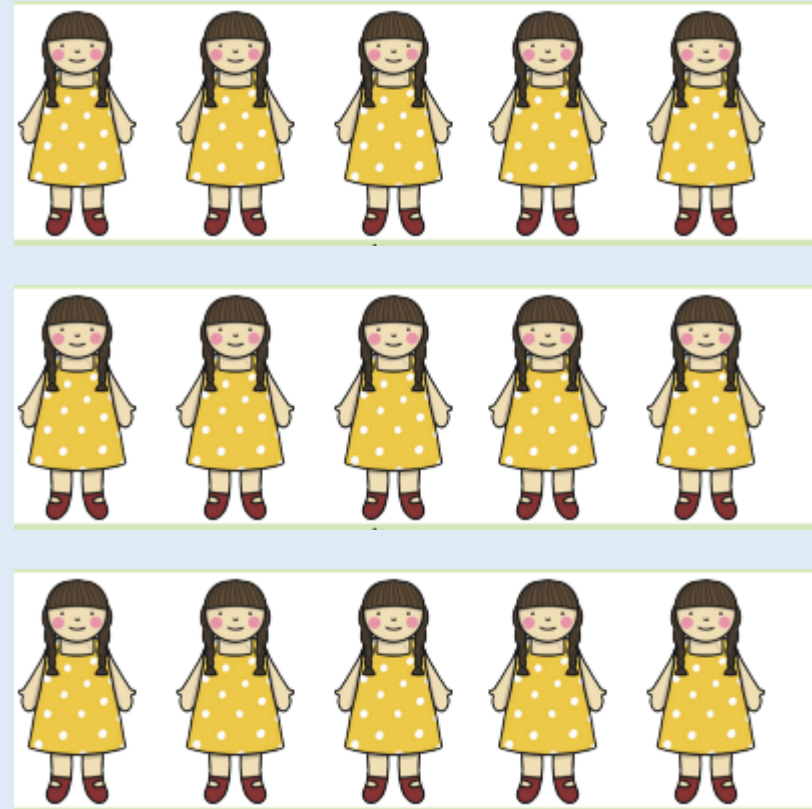
How many pairs of shoes are there?

Count in 2's.



How many dolls are there?

Count in 5's.





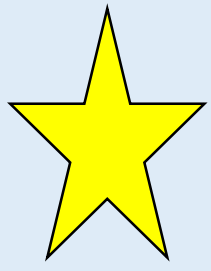
L.Q. Can I count in 10s using a number line and 100 square grid?

## Steps to success



- I can count in a sequence.
- I can recognise the pattern in number.
- I can count in 10s using a number line and 100 square grid.

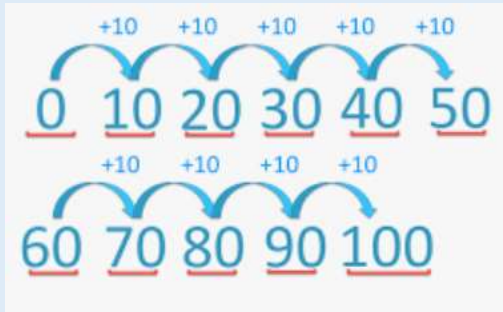




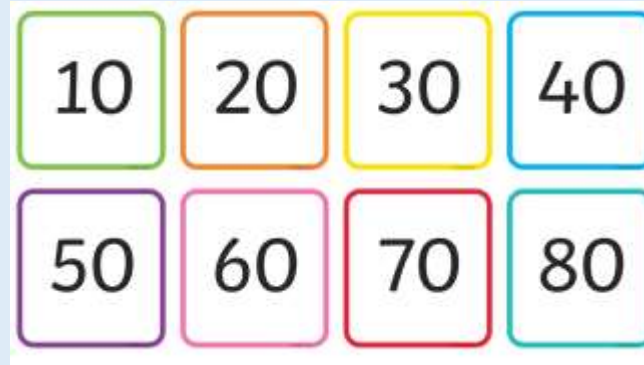
# Star words



sequence



tens

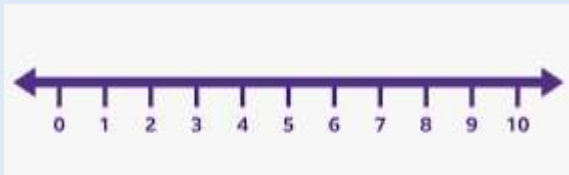


pattern

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



number line



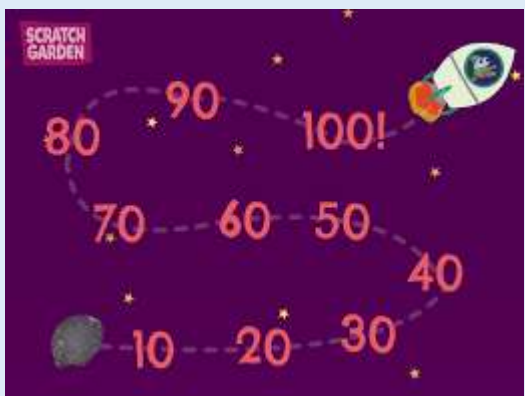
100 square grid

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



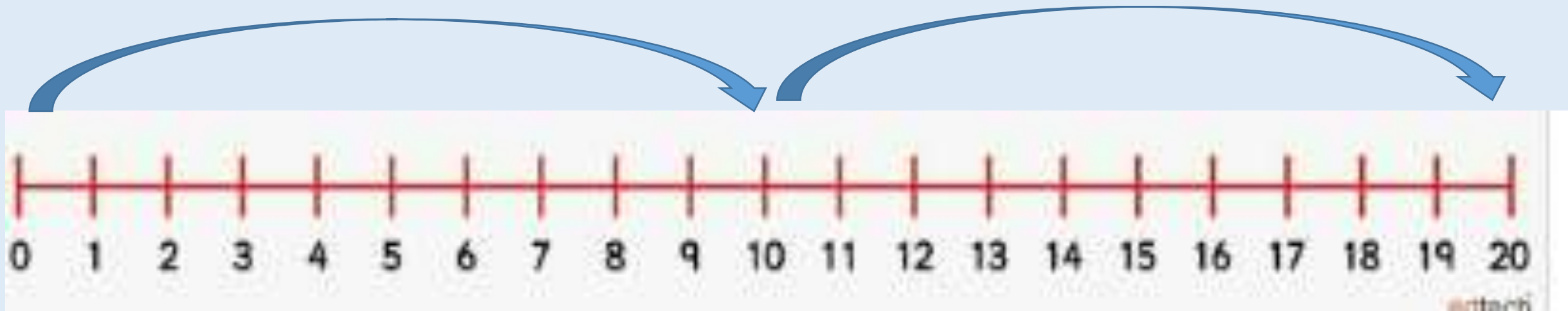
# Let's zap count to 100....

Numbers 1-100									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

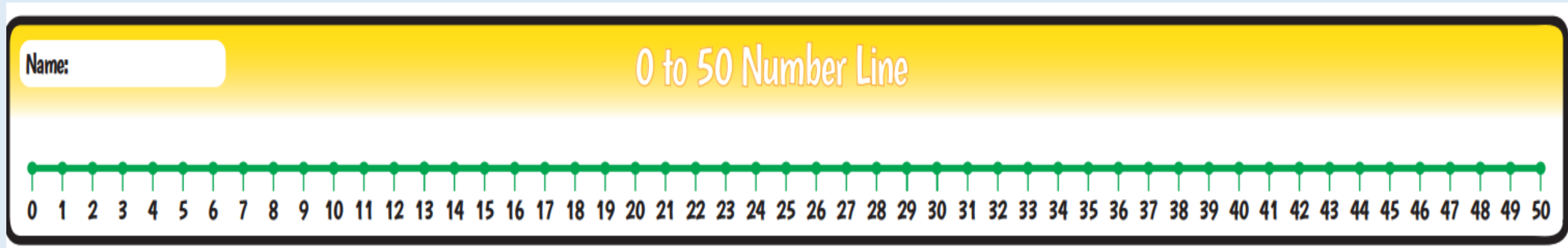


*You count in 10's by following a pattern - All the numbers that end in a zero. This is also called **skip counting** - where you miss the other numbers and **ONLY** count the tens.*

*Let's skip count together using this number line.*



In partners, take it in turns to skip count in 10's to 50 on the number line.



#### Self Assessment

Do you understand how to skip count in 10s using a number line?



We can also **skip count in tens** using a 100 square grid.

<https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

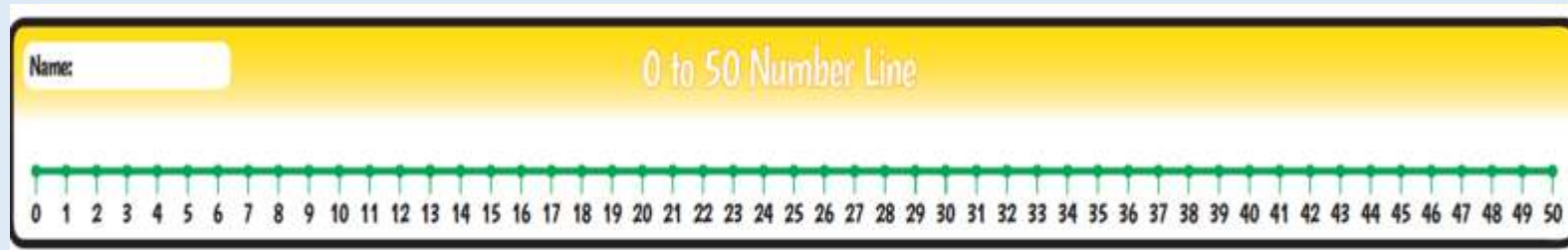
### Self Assessment

Do you understand how to count in 10's using a 100 square?



## Your task

1. Skip count to 50 showing jumps of ten using a number line.



2. Fill in missing numbers on a 100 square grid.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

3. Draw groups of ten to match the number card on your table.

### Self Assessment

Do you understand the task?





Friday 1st March 2024

*Let's recap our learning of counting in 2's, 5's & 10's.*

<https://www.topmarks.co.uk/learning-to-count/paint-the-squares>



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



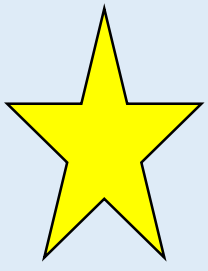


*L.Q. Can I count in 2's, 5's & 10's?*

## Steps to success



- I can count in a sequence.
- *I can recognise groups of 2's, 5's, & 10's.*
- *I can count in 2's, 5's & 10's.*



# Star words



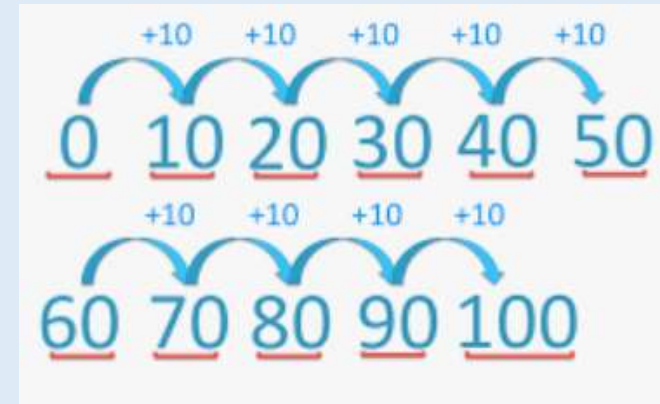
2's



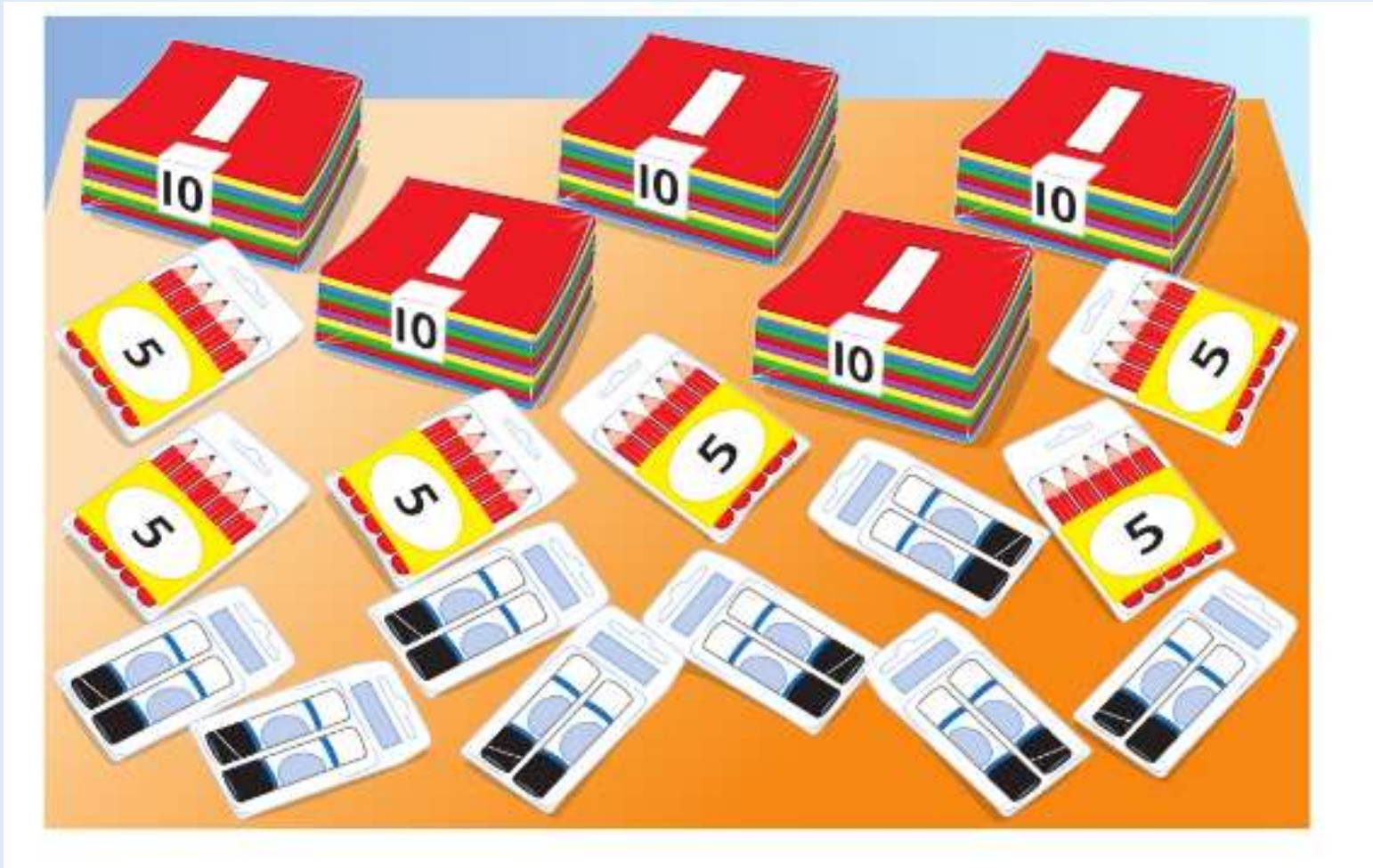
5's



10's



*Let's look at the picture....*



TP- What can you see? How are they grouped?

Let's work together....



There are...

- packs of books,  books in each pack.
- packs of pencils,  pencils in each pack.
- packs of glue sticks,  glue sticks in each pack.

A teacher is checking the  
packs she has. Let's help  
her count the items.

TP- How many books  
are there altogether?






Share

For each thing, first count how many groups, then how many in each group.

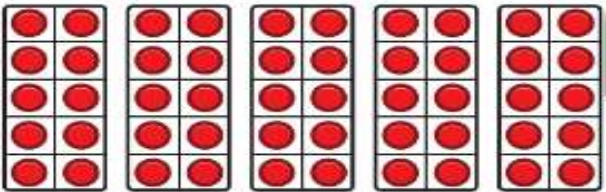


a) There are...

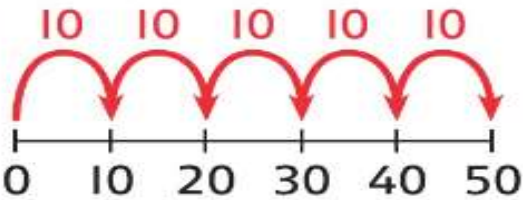
5 packs of books,  
10 books in each pack.  
  
6 packs of pencils,  
5 pencils in each pack.  
  
8 packs of glue sticks,  
2 glue sticks in each pack.

	Number of packs	Number in each pack
	5	10
	6	5
	8	2

b)



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50



There are 50 books altogether.

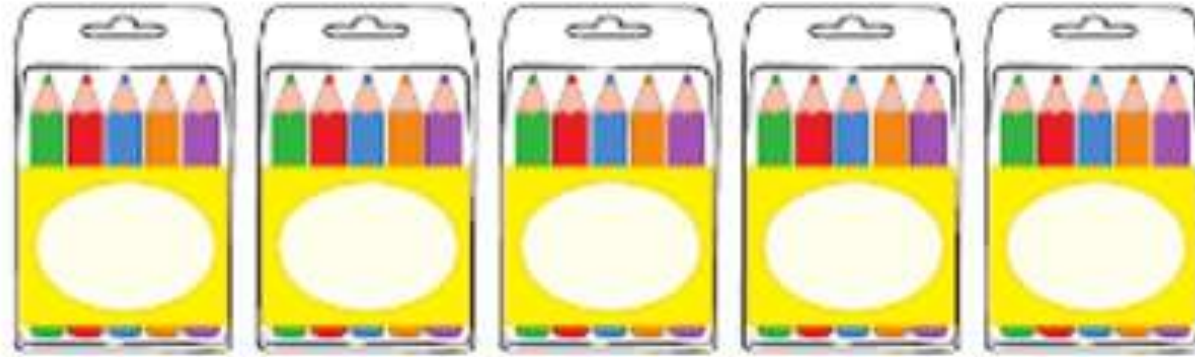
Self Assessment

Do you understand how to count in 10's?

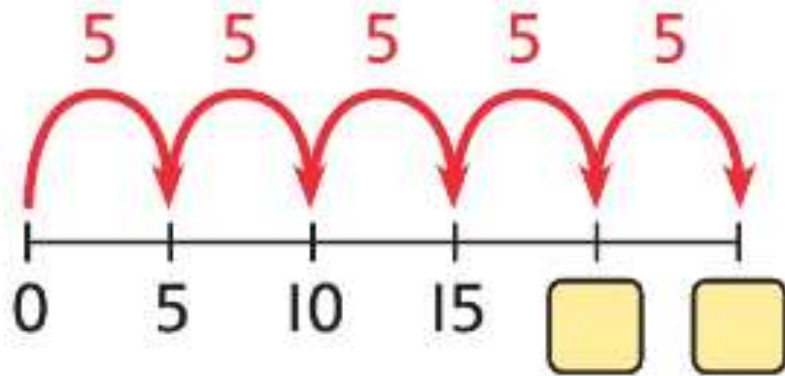


Let's practise....

TP- How many pencils are there altogether?



There are \_\_\_\_ pencils altogether.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Self Assessment

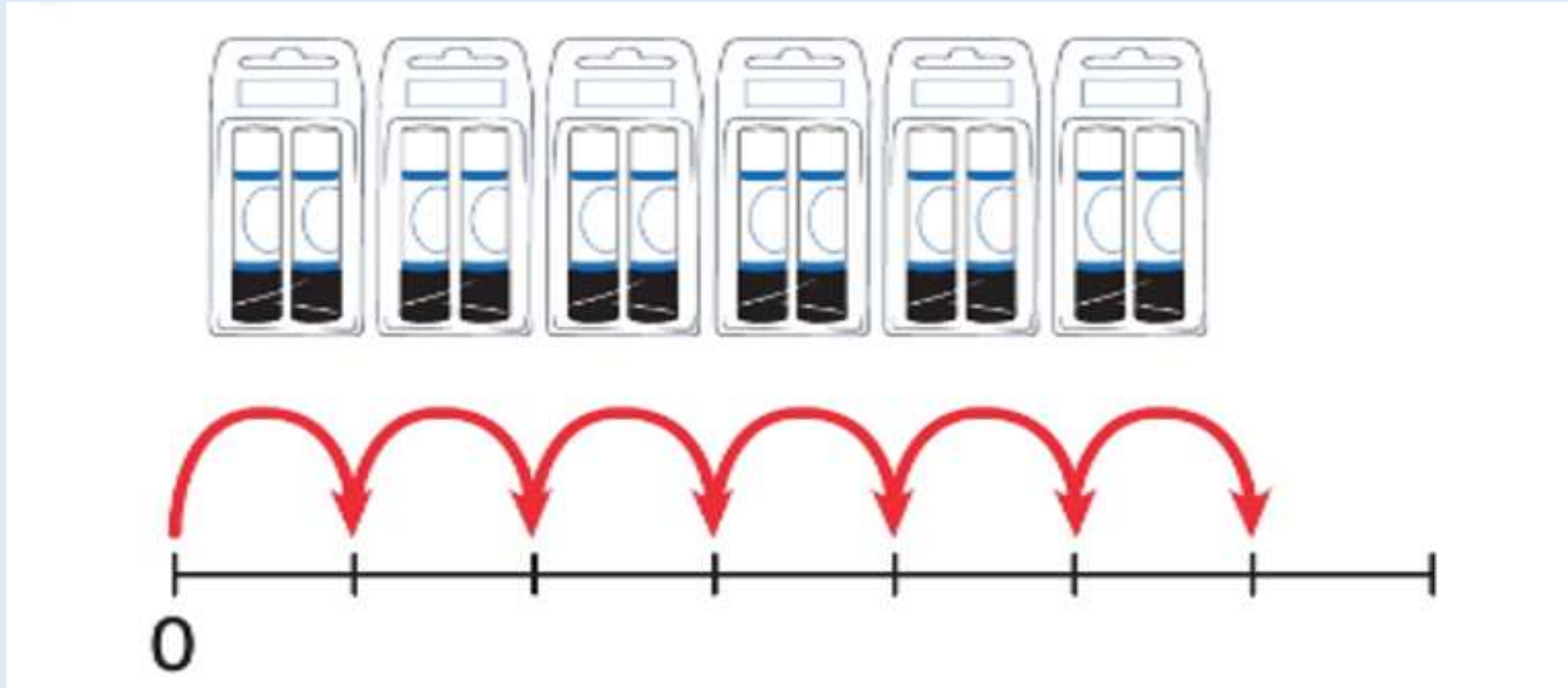
Do you understand how to count in 5's?





Let's practise....

TP- How many glue sticks are there altogether?



There are \_\_\_ glue sticks altogether.

Self Assessment

Do you understand how to  
count in 2's?



# Your task

LQ: Can I count in 2's, 5's & 10's?

I	WS
1	2 3





Use the star words to help you explain your answers:



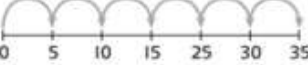

2's, 5's, 10's, count, skip count, multiples



1. Match the counts to the objects.



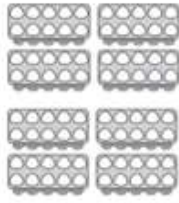
2. Filip says, There are 30 bean bags.



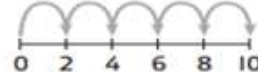
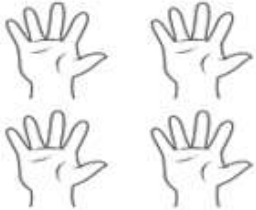
Is he correct or incorrect? How do you know?

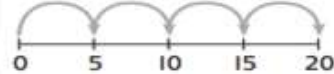
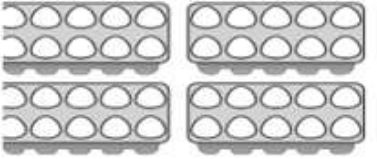
Sentence starter  
Yes, he is correct because \_\_\_\_\_.  
No, he is incorrect because \_\_\_\_\_.

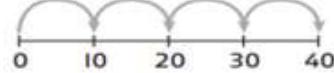

3. How many boxes of eggs are there?



If you bought 10 more eggs, how many eggs would you have? \_\_\_\_\_







01.03.2024

LQ: Can I count in 2's, 5's & 10's?

Working with an adult we drew 3 number lines in the playground (0-20). We took turns to draw jumps of 2, jumps of 5 & jumps of 10 using different colours for each one (2's, 5's, & 10's). Then we practiced skip counting in 2's, 5's & 10's.

## Self Assessment

Do you understand the task?

