


WALT: draw pictograms 2, 5 and 10.

Monday 22<sup>nd</sup> February 2021

Watch the video <https://vimeo.com/504480875> and have a go at drawing your own pictogram by counting the vehicles that go by on a road near you (make sure you talk to a grown up about how to keep safe! If it isn't possible for you to get to a road, here is a link to a short animated clip that you can watch instead: <https://www.youtube.com/watch?v=CTWV237Gkl8>

You will need to complete a tally chart first, using the skills you learned last term!

Vehicle	Tally	Total
car		
bus		
lorry		
motorcycle		

Key  = 2 vehicles

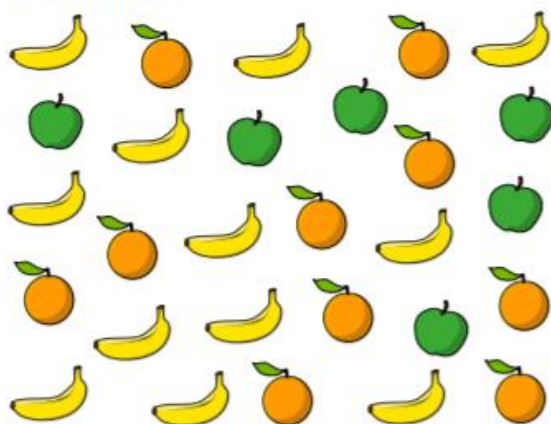
Type of vehicle	
car	
bus	
lorry	
motorcycle	

Watch the video <https://vimeo.com/504483835> then have a go at the questions on these two pages:

## Draw pictograms (2, 5 and 10)



- 1 Here is some fruit.



- a) Complete a tally chart.

- b)



I will use a circle for each piece of fruit.

Draw Dora's pictogram.

- c)



I will use a circle for every 2 pieces of fruit.

Draw Tommy's pictogram.


- d) Whose pictogram do you prefer? Why?

- 2 Class 2 vote for whether they would like to play tennis, football or netball.


The tally chart shows the votes.

Sport	Tally	Total
Tennis		5
Football		20
Netball		10


- a) Complete the pictogram.

Sport	
Tennis	
Football	
Netball	


Key

 = 5 votes

- b) Complete the pictogram.

Sport	
Tennis	
Football	
Netball	

Key

 = 10 votes


## Draw pictograms (2, 5 and 10)


- 2 Class 2 vote for whether they would like to play tennis, football or netball.

The tally chart shows the votes.


Sport	Tally	Total
Tennis		5
Football		20
Netball		10


- a) Complete the pictogram.

Sport	
Tennis	
Football	
Netball	

Key  
 = 5 votes

- b) Complete the pictogram.

Sport	
Tennis	
Football	
Netball	

Key  
 = 10 votes

- 3 The tally chart shows the weather for 55 days.

Weather	Tally
Sun	
Cloud	
Rain	

- a) Draw a pictogram to show this information.  
Choose your own key.


- b) Compare pictograms with a partner.  
What is the same? What is different?

Watch the video: <https://vimeo.com/504484570> then have a go at the questions on these two pages:

## Interpret pictograms (2, 5 and 10)



- 1 Dora, Dexter and Jack play basketball at break time. They record the goals they score in a pictogram.

Name	Goals	Key
Dora		 = 2 goals
Dexter		
Jack		

- a) Complete the sentences.





Dora scores  goals.

Dexter scores  goals.


Jack scores  goals.

- b) How many goals do they score altogether?  
 c) How many more goals does Jack score than Dexter?  
 d) How many ways could you work out the answer to part c)?






- 2 Two classes go on a trip to the zoo together. There are two coaches to take both classes.

	Coach 1		Coach 2
Boys		Boys	
Girls		Girls	

Key











- a) Which coach has more boys?  = 10 children  
 b) Which coach has more girls?  
 c) How many girls are there in total?  
 d) How many more girls than boys are there on Coach 2?  
 e) How many more girls than boys are there on the trip to the zoo?  
 f) How did you work out the answer to part e)?

- 3 At the zoo, Mo keeps a record of how many big cats he sees.


Big Cat		Key
Leopard		 = 2 big cats
Cheetah		
Lion		
Tiger		

## Interpret pictograms (2, 5 and 10)















- 2 Two classes go on a trip to the zoo together.  
There are two coaches to take both classes.


	Coach 1		Coach 2
Boys	 	Boys	 
Girls	 	Girls	   

Key

- a) Which coach has more boys?  = 10 children
- b) Which coach has more girls?
- c) How many girls are there in total?
- d) How many more girls than boys are there on Coach 2?
- e) How many more girls than boys are there on the trip to the zoo?
- f) How did you work out the answer to part e)?

- 3 At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat		Big Cat	Key
Leopard	  	Lion	 
Cheetah	   	Tiger	    

 = 2 big cats

- a) Choose a word to complete the sentence.

more

fewer

There are \_\_\_\_\_ leopards than lions.

There are \_\_\_\_\_ lions than cheetahs.

- b)





If I add the number of cheetahs and lions together then it will be equal to the number of tigers.

Is Rosie correct?

How do you know?

- c)



Each  represents 2 big cats so I can just double the amount of  and that will be how many big cats there are.

Is Alex correct?

How do you know?

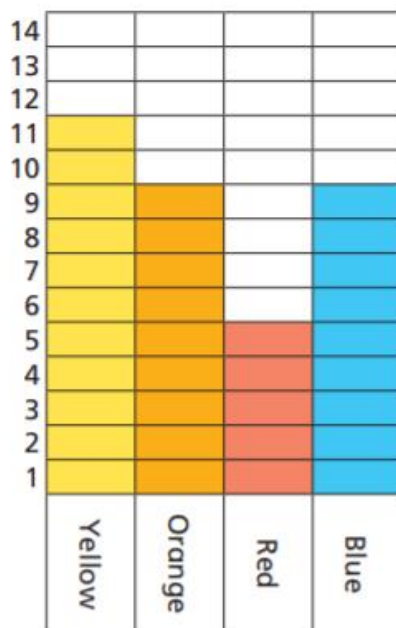


Watch the video <https://vimeo.com/504485413> then answer the questions on these two pages:

## Block diagrams



- 1 The block diagram shows children's favourite colours.



Use the block diagram to answer the questions.

- Which colour is most popular?
- How many people chose blue as their favourite?
- Which colour is least popular?

- How many people chose orange as their favourite?
- How many more people like yellow than orange?
- How many more people like yellow than red?
- How did you work out your answers to e) and f)?



- 2 The tally chart shows how many of each item there is.

Item	Tally	Total
Scissors	IIII	4
Glue	IIII III	9
Pens	IIII I	6

- Do the totals match the tallies?
- Use cubes to make towers showing how many scissors, glue and pens there are.
- Draw a block diagram using the tally chart and your cubes to help.



## Block diagrams





- d) How many people chose orange as their favourite?
- e) How many more people like yellow than orange?
- f) How many more people like yellow than red?
- g) How did you work out your answers to e) and f)?


- 2 The tally chart shows how many of each item there is.

Item	Tally	Total
Scissors	IIII	4
Glue	HHH IIII	9
Pens	HHH I	6

- a) Do the totals match the tallies?
- b) Use cubes to make towers showing how many scissors, glue and pens there are.
- c) Draw a block diagram using the tally chart and your cubes to help.

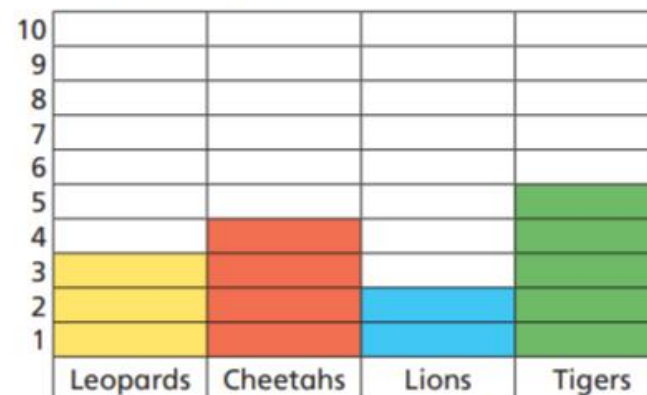
- 3 At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat	
Leopard	  
Cheetah	   
Lion	 
Tiger	    

Key  
 = 2 big cats

Dora has tried to show the same information on a block diagram but she has made a mistake.

- a) What mistake has Dora made?



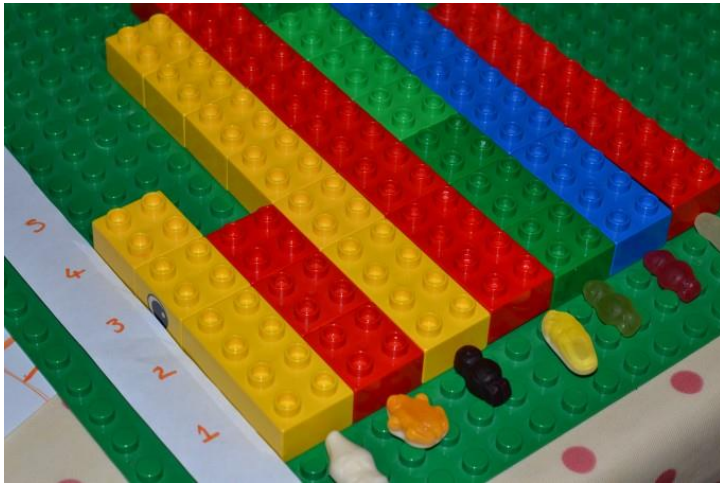
- b) Complete the block diagram so that it is correct.

WALT: draw block diagrams.

Friday 26<sup>th</sup> February 2021.

Today, we would like to create your own block diagram using lego or duplo (think creatively if you don't have lego or duplo at home). You can do this by asking real people in your support bubble and/or family and friends via phone/email/message **or** you can make up the answers by pretending to ask your toys!

Here is the question: **What is your season? Spring, summer, autumn or winter.**



Don't forget to label your axis to show the seasons and how many people voted that as their favourite!

