

Maths – Thursday 14<sup>th</sup> January

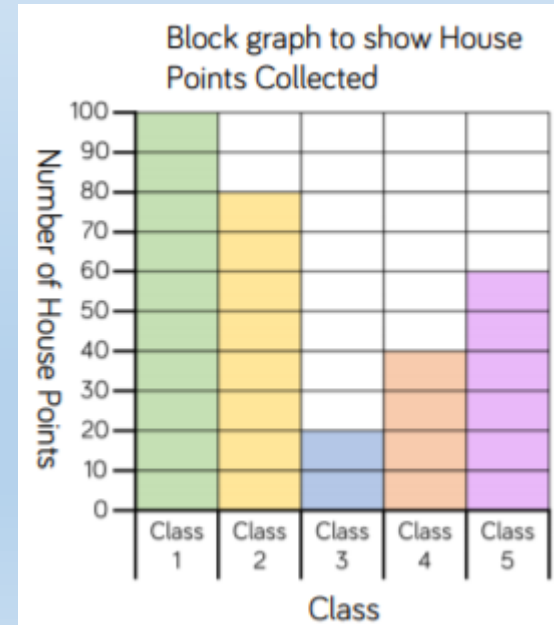
# Statistics



Favourite Colour	Tally	Total
Blue		
Red		
Yellow		
Green		

Hair Colour		Total
Black	○ ○ ○ ○ ○	5
Blonde	○ ○ ○ ○ ○ ○ ○	
Brown		9
Ginger	○ ○ ○ ○	4

Colour	
Blue	🏠 🏠 🏠 🏠 🏠 🏠 🏠 🏠
Green	🏠 🏠
Red	🏠 🏠 🏠 🏠
Purple	🏠 🏠 🏠 🏠 🏠 🏠 🏠



# WALT: Interpret pictograms

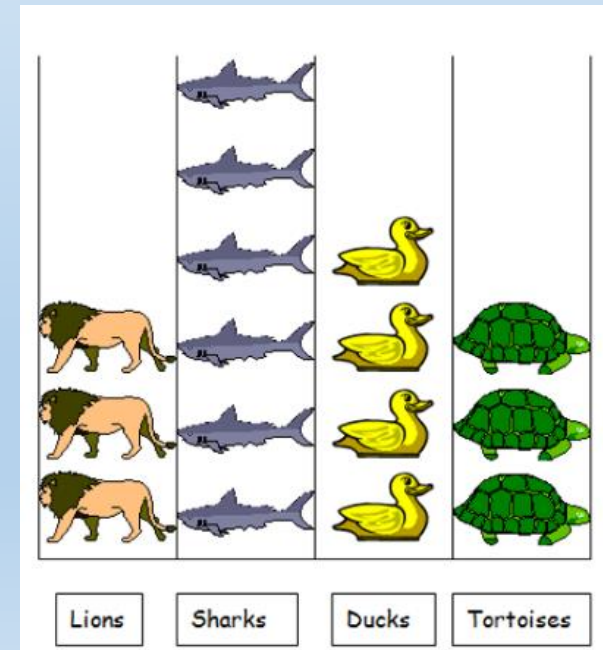


- What can pictograms show us?

Hair Colour		Total
Black		5
Blonde		
Brown		9
Ginger		4

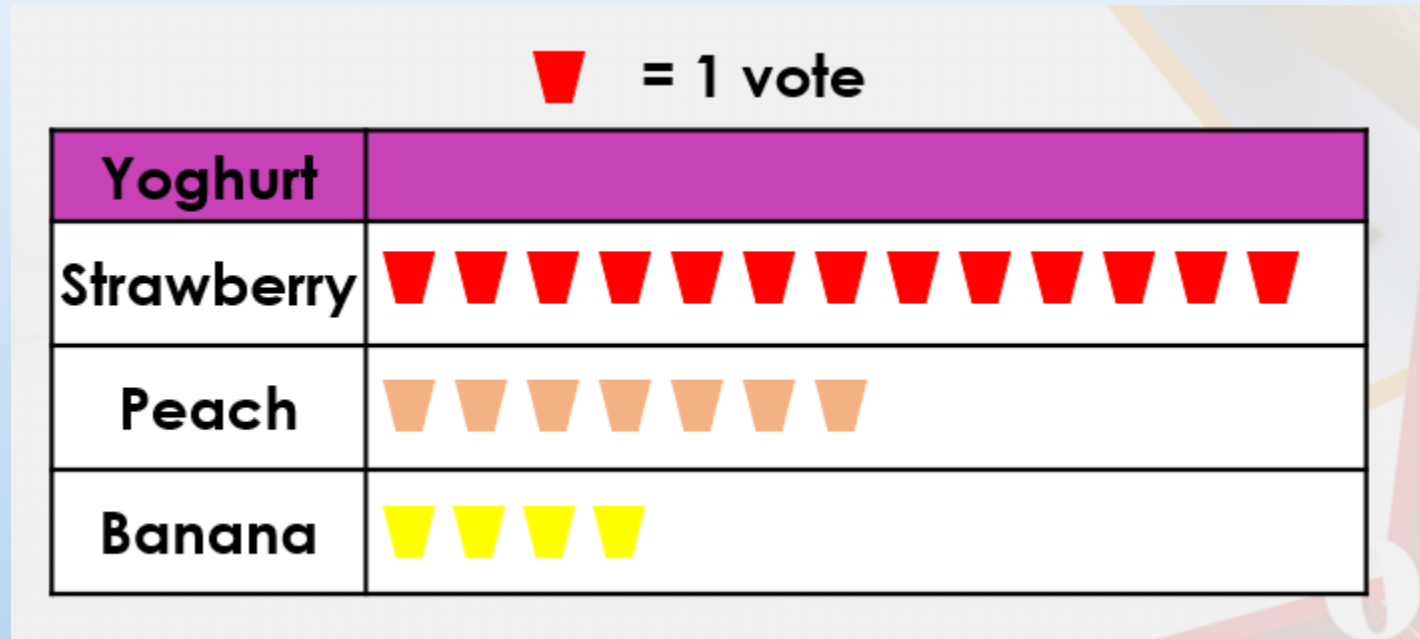
Favourite Animal	Number of Children
Dog	
Cat	
Snake	
Bear	
Horse	
Goose	

1 picture = 1 child





# A pictogram showing people's favourite flavour yoghurts.



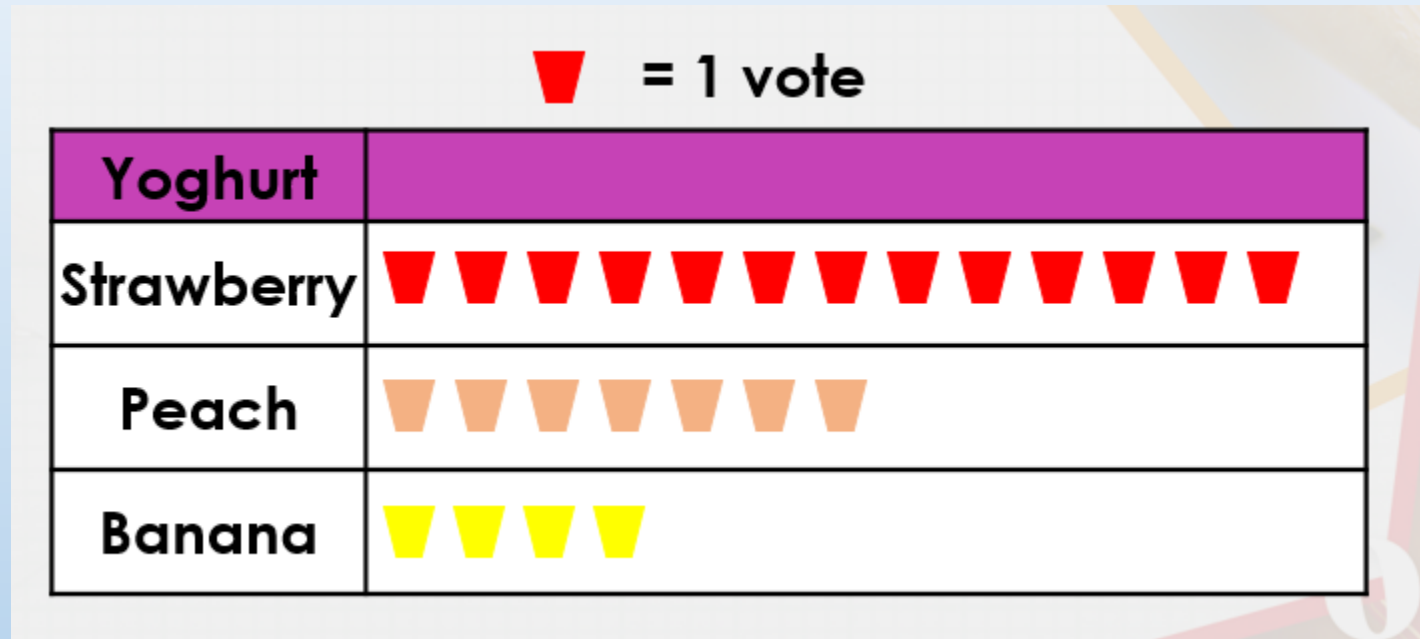
Which was the most popular flavour?

Which was the least popular?

How many people liked peach the best?



A pictogram showing people's favourite flavour yoghurts.



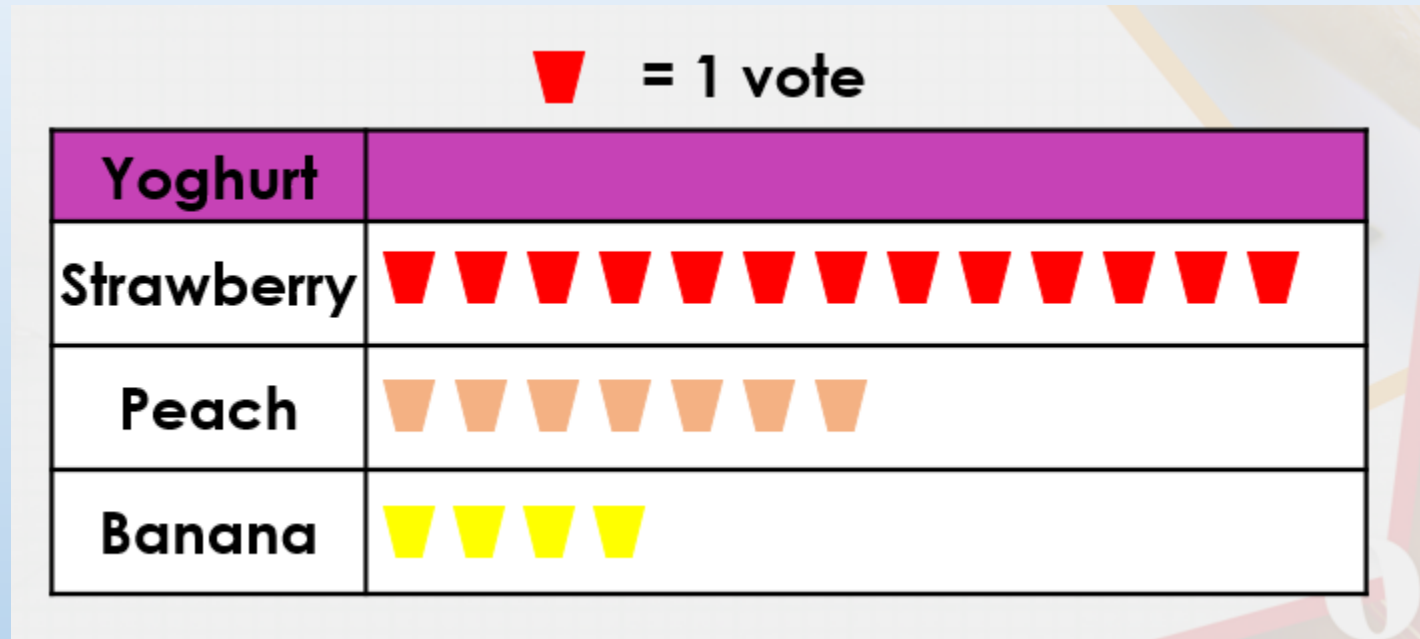
Which was the most popular flavour? **Strawberry**

Which was the least popular? **Banana**

How many people liked peach the best? **7**



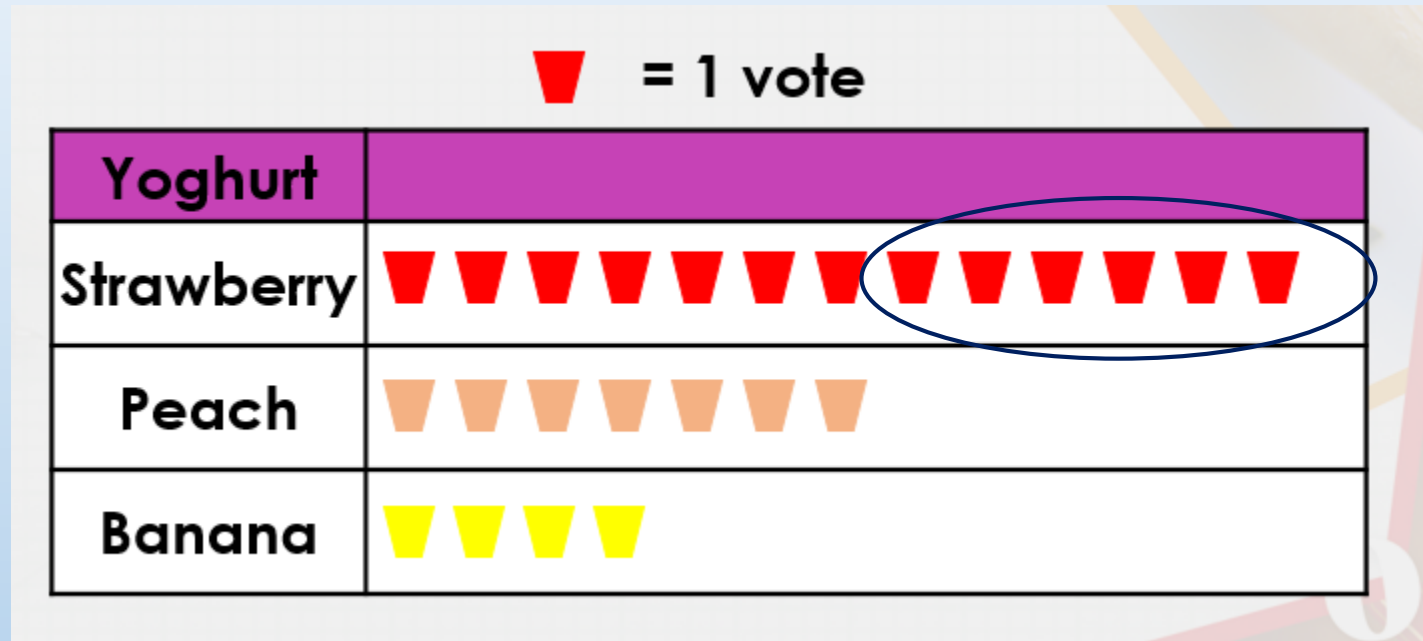
A pictogram showing people's favourite flavour yoghurts.



How many more people preferred strawberry than peach?



A pictogram showing people's favourite flavour yoghurts.



How many **more** people preferred strawberry than peach? 6

Jason recorded the reptiles he saw at the reptile house.



Reptiles	
Snake	● ● ● ● ● ● ●
Lizard	● ● ● ● ● ● ● ● ● ● ● ●
Tortoise	● ● ● ● ● ● ● ●
Turtle	● ● ● ● ● ● ● ● ● ●

● = 1 creature

Answer the questions using Jason's pictogram.

A. Which creature was the most common?

B. How many snakes were there?

C. How many more turtles were there than tortoise?



Jason recorded the reptiles he saw at the reptile house.

Reptiles	
Snake	● ● ● ● ● ● ●
Lizard	● ● ● ● ● ● ● ● ● ● ● ●
Tortoise	● ● ● ● ● ● ● ●
Turtle	● ● ● ● ● ● ● ● ● ●



● = 1 creature

Answer the questions using Jason's pictogram.

A. Which creature was the most common?

Lizard

B. How many snakes were there?

7

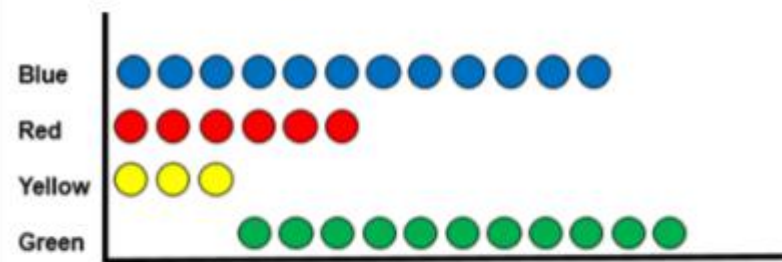
C. How many more turtles were there than tortoises?

2

# One to discuss!



Here is a pictogram.

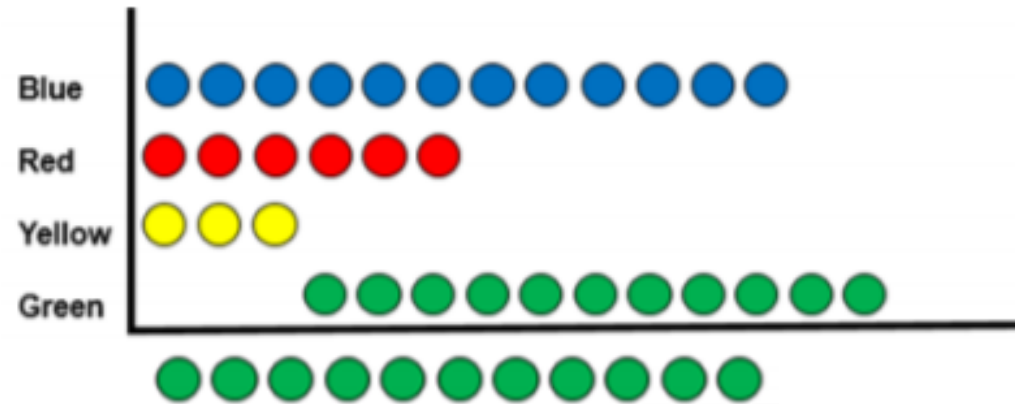


The most popular colour sweet is green.

Do you agree with Eva?

Explain why and correct any mistakes.

Here is a pictogram.



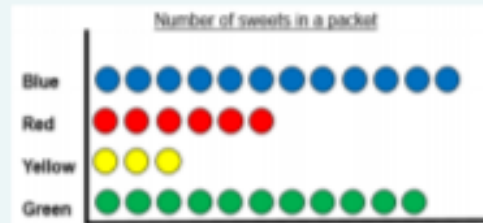
The most popular colour sweet is green.

Do you agree with Eva?

Explain why and correct any mistakes.

Eva is wrong because the green sweets are not lined up correctly. There are 11 green and 12 blue.

It should look like this:



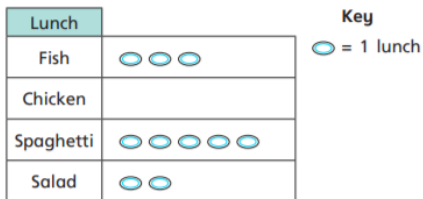
# Your task today:



## Interpret pictograms (1-1)

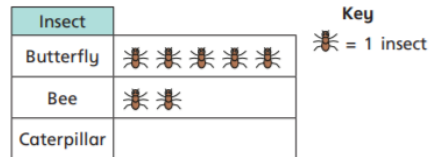
White Rose Maths

- 1 The pictogram shows what some teachers had for school lunch.



- a) Which lunch did the most teachers have?  
Tick your answer.
- fish    chicken    spaghetti    salad
- b) Which lunch did the least teachers have?  
Tick your answer.
- fish    chicken    spaghetti    salad
- c) How many teachers had chicken?

- 2 The pictogram shows how many insects Class 2 saw on a bug hunt.



- a) Complete the sentences.

Class 2 saw  butterflies.

Class 2 saw  bees.

Class 2 saw  caterpillars.

Altogether Class 2 saw  insects.

- b)



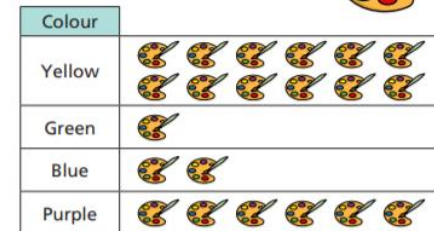
Last summer I saw a bee hive. I do not think I could draw a pictogram to show all the bees.


Do you agree with Tommy?

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- 3 Class 1 were asked to choose their favourite colour out of yellow, green, blue and purple.

The pictogram shows the results.



Key  = 1 child

- a) How many children chose yellow?
- b) How many children chose green?
- c) How many more children chose purple than blue?

How did you work this out?

- 4 Eva's friends vote for their favourite fruit. She draws a pictogram and says it shows:

- the same votes for apple and pear
- melon got the fewest votes
- plum got the most votes
- grape got only 1 vote
- grape got fewer votes than pear.

- a) Draw a possible pictogram so that Eva's statements are true.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Grape	Melon	Apple	Plum	Pear




- b) Draw a key for the pictogram.


= 1 vote





- I** The pictogram shows what some teachers had for school lunch.

Lunch	
Fish	
Chicken	
Spaghetti	
Salad	

**Key**  
 = 1 lunch

- a)** Which lunch did the most teachers have?  
Tick your answer.

fish      chicken      spaghetti      salad



- b)** Which lunch did the least teachers have?  
Tick your answer.


fish      chicken      spaghetti      salad

- c)** How many teachers had chicken?



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Insect	
Butterfly	
Bee	
Caterpillar	

Key  
 = 1 insect

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Colour	
Yellow	
Green	
Blue	
Purple	

Key

= 1 child

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