

Wednesday 3rd February 2021

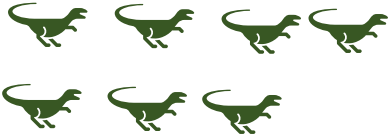

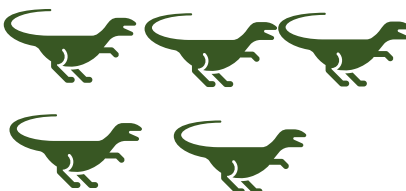
L.O: I am getting better at drawing pictograms.

Today in maths we are drawing pictograms.

We can use tally charts to produce pictograms. Your pictures represent the total, as the tallies did in the tally chart.

You will need to use a key to show the number that the picture represents. This means that we will have to think about the number that the picture represents, for example the ball could represent 5. This is where your times tables knowledge comes in handy.

Example




<u>Favourite car make</u>		<u>Total</u>
Vauxhall		7
Ford		3
BMW		10

Key


 = 1

 = 2






Complete the pictogram.

Hair Colour		Total
Black		5
Blonde		
Brown		9
Ginger		4


Key

 = 1 person







Use the tally chart to help you complete the pictogram.

Fruit	Tally	Fruit	
Banana		Banana	
Grape		Grape	
Pear		Pear	
Apple		Apple	


Key

 = ___

Complete the pictogram using the data given.

Name	Tally				
Teddy					
Annie					
Amir					
Whitney					
		Teddy	Annie	Amir	Whitney

Key

 = 1 goal

Class A voted for their favourite fruit. They recorded some of the data in a pictogram. Finish off the pictogram.

Fruit		Total
apples	☺☺☺☺☺	5
bananas		4
oranges	☺☺☺	
pears		6
plums	☺☺☺☺☺☺☺☺	
grapes		5

most popular = _____
 least popular = _____

Key
☺ = 1 child



Class B collected data using a tally chart. They drew a pictogram to show the data. Have they done it correctly?

Favourite Fruit	Tally
apples	
bananas	
oranges	
pears	



Fruit		Total
apples	■ ■ ■ ■ ■ ■ ■ ■	6
bananas	■ ■ ■ ■ ■ ■ ■ ■	5
oranges	■ ■ ■ ■ ■ ■ ■ ■	6
pears	■ ■ ■ ■ ■ ■ ■ ■	4

Key
■ = 1 child

True or false?

3 more children chose apples than pears.
 12 children chose bananas and oranges altogether.

Each child from Class C put a counter on the pictogram to show their favourite fruit.

Why is this pictogram tricky to read?

apples	bananas	oranges	pears	plums	grapes



Present the data in a pictogram that is clear to read. Choose a simple symbol and record it using the key at the bottom.

apples	bananas	oranges	pears	plums	grapes





Key
■ = 1 child

What does the pictogram tell us?

Write 4 sentences about the data.

Use the clues below to help you complete the pictogram.

- More Caramel was sold than Bubblegum flavour, but less than Strawberry flavour.
- Mint was the most popular flavour.
- Vanilla was the least popular.

Flavour	 = 1 ice cream	Total
Strawberry		
Vanilla		
Chocolate		
Mint		
Caramel		
Bubblegum		4



Can you find more than one way to complete the pictogram?

Class A did a traffic survey outside school.



Use the tally chart to fill in the missing parts of the 3 pictograms.


Vehicle	Tally
Car	
Motorbike	
Van	
Bus	






			
Car	Motorbike	Van	Bus

Key  - 5 children

Vehicle	
Car	
Motorbike	
Van	
Bus	

Key  - 2 children

Car	
Motorbike	
Van	
Bus	

Key  - 10 children



Which pictogram do you think represents the data best? Explain your choice.