

# Lesson 1: Counting and comparing

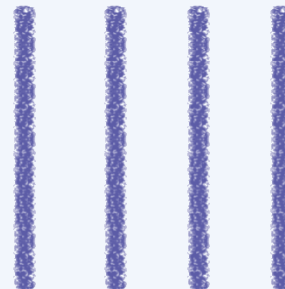
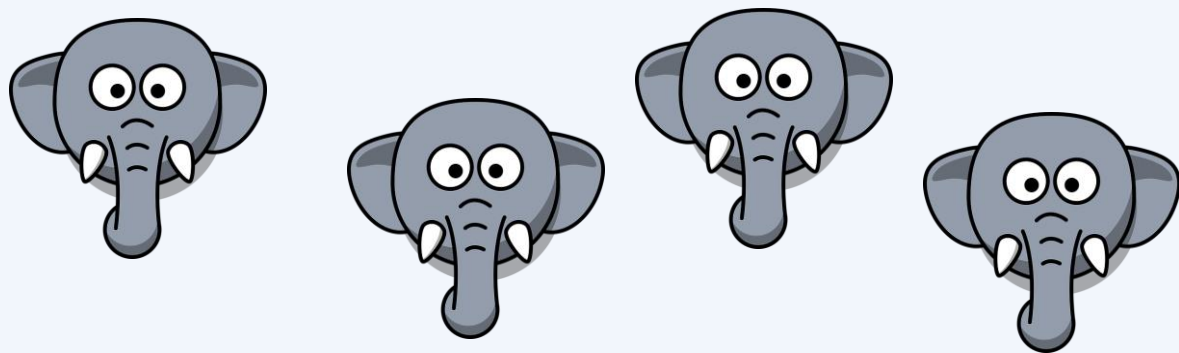
Year 1 – Data and information – Pictograms

# Lesson 1: Counting and comparing

To recognise that we can count and compare objects using tally charts

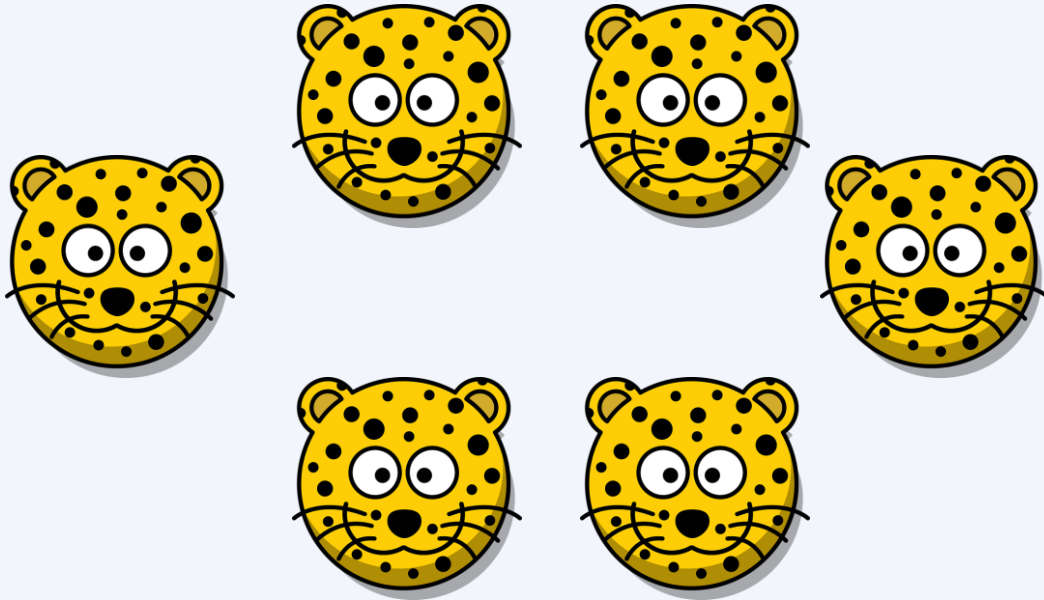
- I can record data in a tally chart
- I can represent a tally count as a total
- I can compare totals in a tally chart

# Counting objects



**Question:** How many elephants can you see?

# Counting objects



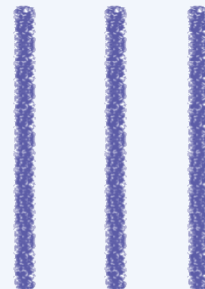
**Question:** How many leopards can you see?

## Counting objects



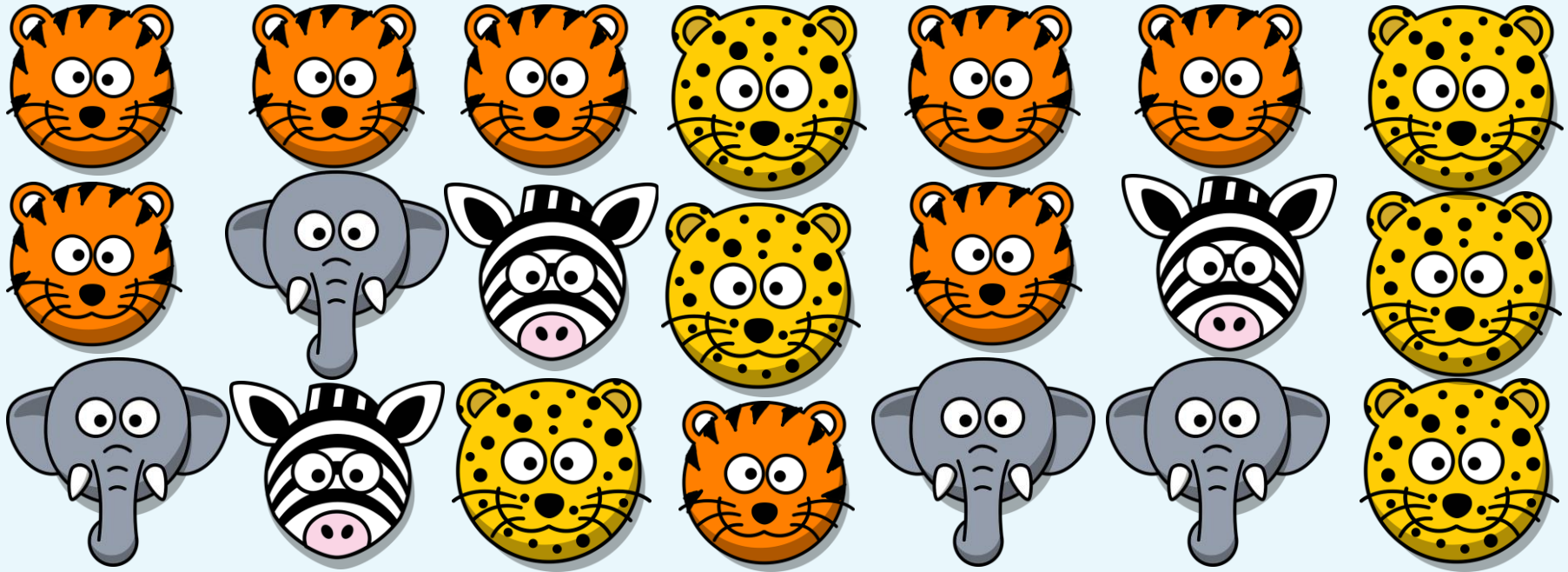
**Question:** How many tigers can you see?

# Counting objects



**Question:** How many zebras can you see?

## Counting objects







**Question:** Which animal is there most of?

# Tally charts

When you have lots of objects to count and compare it helps to organise and record the data using a tally chart.





This helps you to count and compare the data more effectively.

Animal	Tally
	
	<del>    </del>
	<del>    </del>
	



# Tally charts

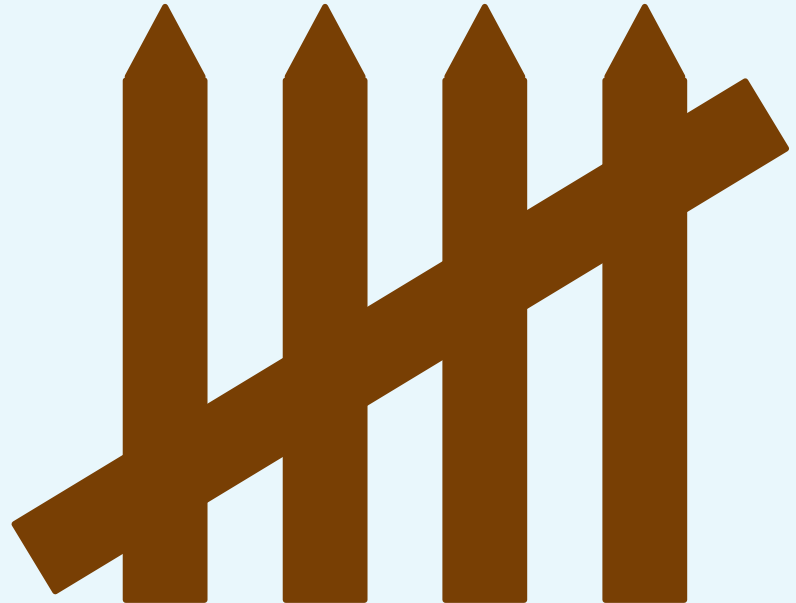


Animal	Tally	Total
		4
	<del>    </del>	6
	<del>    </del>	8
		3

# Counting in fives

Did you see what happened on the tally chart when we got to the number 5?

When you make marks on a tally chart, you chunk them into groups of five.

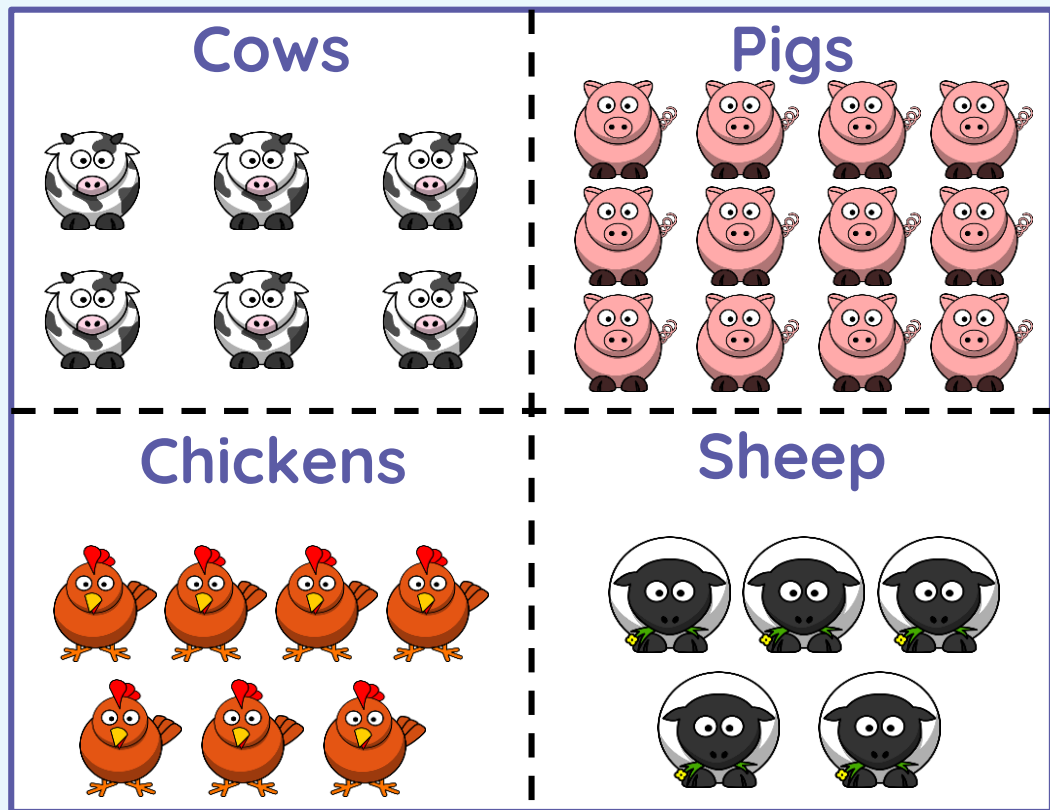
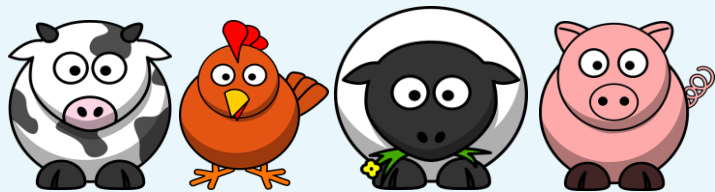


**Counting in fives:** Each group of five looks like a gate.

# Make your own tally chart

Can you make a tally chart to show how many animals there are on the farm?

It might help you to fold the paper to count the animals in each pen.



# How many animals are there on the farm?

How many  ?

How many  ?

How many  ?

How many  ?

Animal	Tally	Total





# How many animals are there on the farm?

How many  ?






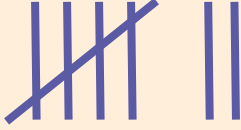


How many  ?

How many  ?





How many  ?

Animal	Tally	Total
	<del>     </del>	6
	<del>     </del> <del>     </del>	12
	<del>     </del>	7
	<del>     </del>	5





# Can you answer questions using a tally chart?

Animal	Tally	Total
		6
		12
		7
		5

# Which animals does the farmer have most of?





Animal	Tally	Total
	<del>     </del>	6
	<del>     </del> <del>     </del>	12
	<del>     </del>	7
	<del>     </del>	5

# Which animals does the farmer have least of?





Animal	Tally	Total
	<del>     </del>	6
	<del>     </del> <del>     </del>	12
	<del>     </del>	7
	<del>     </del>	5



# How many chickens are there?


Animal	Tally	Total
	<del>     </del>	6
	<del>     </del> <del>     </del>	12
	<del>     </del>	7
	<del>     </del>	5

The number of \_\_\_\_\_ is half the number of pigs.

Animal	Tally	Total
	<del>     </del>	6
	<del>     </del> <del>     </del>	12
	<del>     </del>	7
	<del>     </del>	5

# Can you answer some questions?

Favourite Pets

Pet	Tally	Total
Dog 	/     /	
Cat 	/     /	
Rabbit 	/     /	
Fish 	/	

Which pet had the most votes? -----

Which pet had the fewest votes? -----


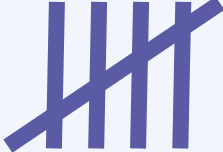


Which pet had more votes than the dog? -----

Which pet had fewer votes than the rabbit? -----

Which pet got 10 votes? -----

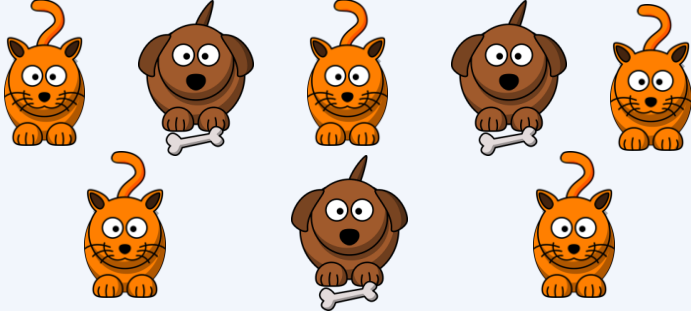
Which pet got 1 more vote than the dogs? -----

## Match the data

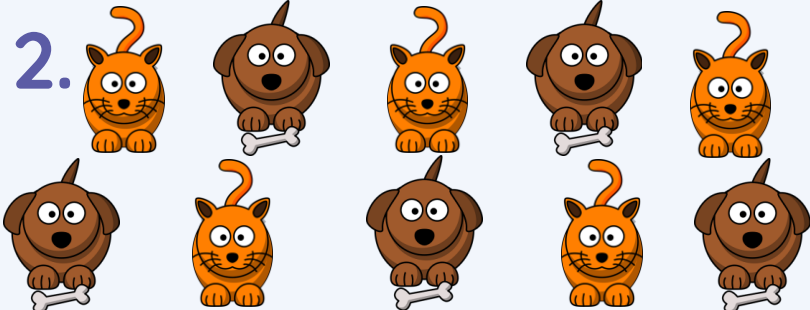
Animal	Tally
	
	

How do you know?





1.



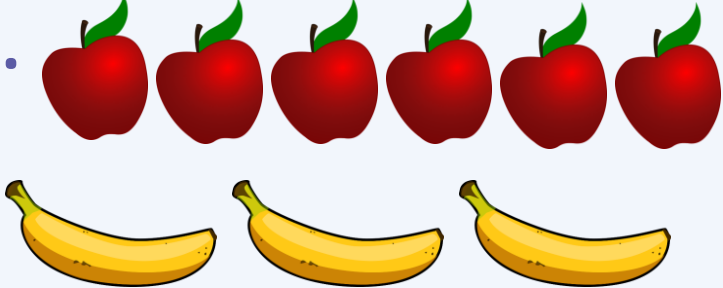
2.

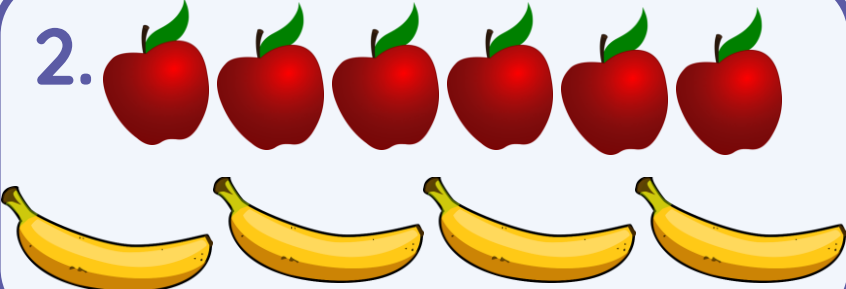


## Match the data


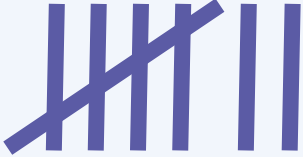

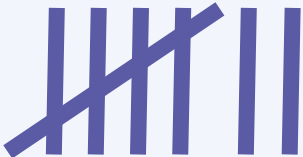
Fruit	Tally
	
	

How do you know?

1. 

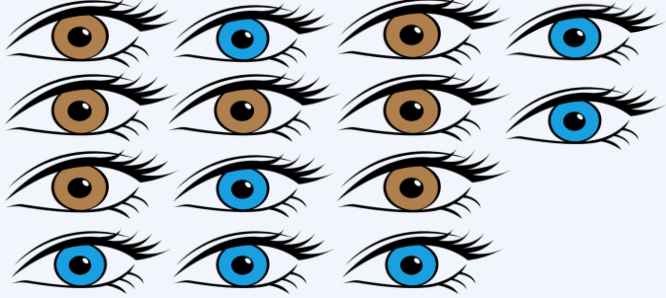
2. 

## Match the data

Eye colour	Tally
	
	

How do you know?

1.



2.



## How confident are you? (1-3)

- I can record data in a tally chart
- I can represent a tally count as a total
- I can compare totals in a tally chart

**3 - Very confident**



**2 - Unsure**



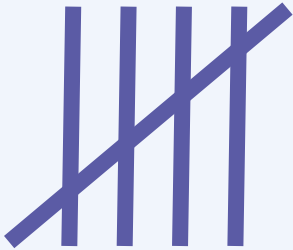
**1 - Not confident**



## Next lesson

### In this lesson, you ...

Recognised that you can count and compare objects using tally charts



### Next lesson, you will ...

Recognise that objects can be represented as pictures

