"Six children chose their favourite colour as red."

This statement is _____ .

I know this because: _____

_____

_____

_____

True or false?

Statistics 2

Class 3's favourite colour

= 2 children

Green	☺ ☺ ☺
Red	☺ ☺ ☺ ☺ ☺ ☺
Blue	☺ ☺ ☺ ☺
Yellow	☺ ☺
Orange	☺ ☺ ☺
Pink	☺ ☺ ☺ ☺

➢ Six children chose their favourite colour as red.

True or false?

Explain your answer.

True or false?

Statistics 2

Tara's tally chart of the vehicles that drove past her house.

car	𝍸 𝍸 𝍸 |
van	𝍸 |
truck	𝍸
limousine	|

➢ There were fewer trucks than there were vans.

True or false?

Explain your answer.

"There were fewer trucks than there were vans."

This statement is _____ .

I know this because: _____

_____

_____

_____

"Look at the comparison. Is it true or false? Explain your answer."

This statement is _____ .

I know this because: _____

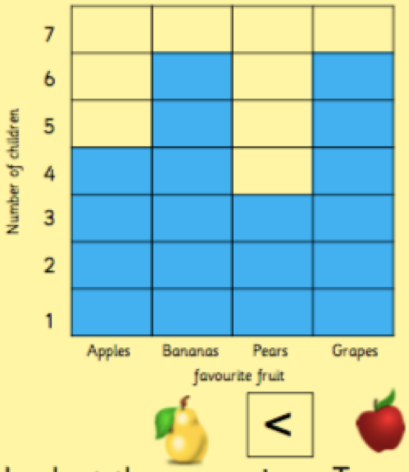
_____

_____

_____

True or false?

Statistics 2



Look at the comparison. True or false?
Explain your answer.

True or false?

Statistics 2

The children in blue and red class were asked what their favourite spread on toast was.

	Blue class	Red class
Butter	7	4
Jam	8	16
Chocolate	11	4
Marmite	6	2

➢ More children in Blue class prefer jam than in Red class.

True or false?
Explain your answer.

"More children in Blue class prefer jam than in Red class."

This statement is _____ .

I know this because: _____

_____

_____

_____

"Can you spot Ahmed's mistake?"

His mistake was _____

_____

_____

What should his correction be?

_____

_____

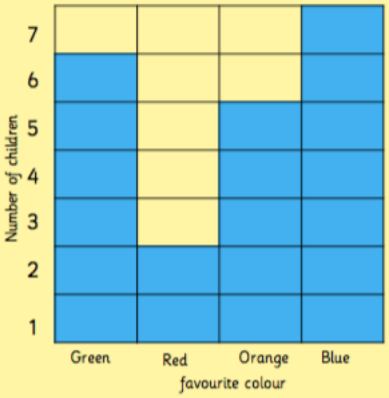
_____

_____

Spot the mistake

Statistics 2

Favourite colour	Number of children
Green	6
Red	5
Orange	2
Blue	7



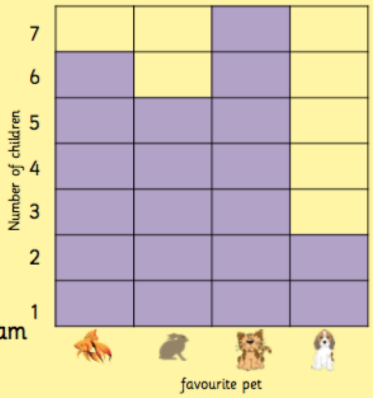
➢ Ahmed has made a block diagram using the table.

Can you spot his mistake?

Spot the mistake

Statistics 2

Favourite pet	Number of children
	𝍸 |
	𝍸
	||
	𝍸 ||



➢ Amina has made a block diagram using the tally chart.

Can you spot her mistake? Explain her mistake and correct it.

"Can you spot Amina's mistake?"

Her mistake was _____

_____

_____

What should her correction be?

_____

_____

_____

_____

Now try these, if you fancy a bit of a challenge!

1) The pictogram shows the number of ice-creams that were eaten on a Saturday.

Ice cream flavours	Number eaten
Vanilla	
Strawberry	
chocolate	
mint choc chip	

Key
= 4 ice-creams

Which flavour was the most popular?

Which flavour was the least popular?

How many more vanilla ice-creams were eaten than strawberry?

2) The pictogram shows the eye colour of children in year 3.

Eye colour	Number of children
hazel	
green	
brown	
blue	

Key
= 5 children

How many people have brown eyes?

Which eye colour is the most popular?

How many more people have blue eyes than green?

3) The pictogram shows the favourite pizza types of children in class 3E.

Pizza type	Number of children
Pepperoni	
Hawaiian	
Vegetarian	
Cheese & tomato	

Key
= 2 children

Which is the least favourite pizza type?

How many more children voted for cheese & tomato and Vegetarian than Hawaiian?