Fluency – statistics (Day 3)

Here is a pictogram to show minibeasts collected by Class 5.

Minibeast	
Woodhouse	● ● ● ● ● ● ● ●
Ladybird	● ● ● ● ● ●
Centipede	● ●
Worm	● ● ● ● ●
Spider	● ● ● ● ●

Key

● = 1 minibeast

There are ____ ladybirds.
There are ____ centipedes and worms altogether.
There are ____ more worms than centipedes.
What else does the pictogram tell us?

Here is a pictogram to show Class 5s favourite t-shirts.

Colour	
Blue	👕 👕 👕 👕 👕 👕 👕 👕
Green	👕 👕
Red	👕 👕 👕 👕
Purple	👕 👕 👕 👕 👕 👕 👕

Key

👕 = 1 T-shirt

What is the most popular colour t-shirt?
What colour is the least popular t-shirt?
How many more children chose blue t-shirts than red?
How many children are in Class 5?

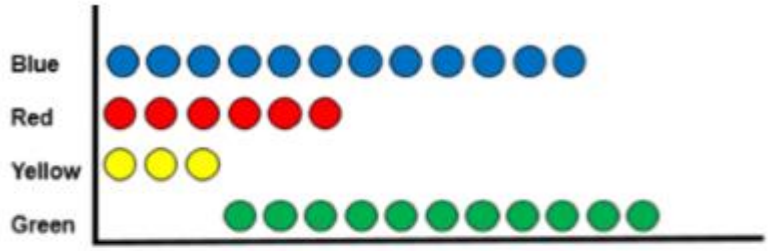
L.C statistics – Pictograms reasoning

Theo writes these statements about his pictogram:

- There were more cows than sheep.
- There were the same number of sheep and horses.
- There were more chickens than any other animal.
- There were less cows than goats.
- There were 8 goats.

Can you draw a pictogram so that Theo's statements are correct? What title would you give it?

Reasoning –



Challenge: can you work out whether Emily is correct or incorrect and if changes are needed to the pictogram please redraw it correctly.

Answers:

One possible answer for Theo's problem could be this

This is how the pictogram for the challenge should have been drawn – did your child realise that the pictures have to line up and be the same size?