Tallys, Pictograms and Graphs

A class full of children voted on their favourite colours. Some of the tally marks disappeared! Each whole rainbow means 1- Can you work out what the missing parts of t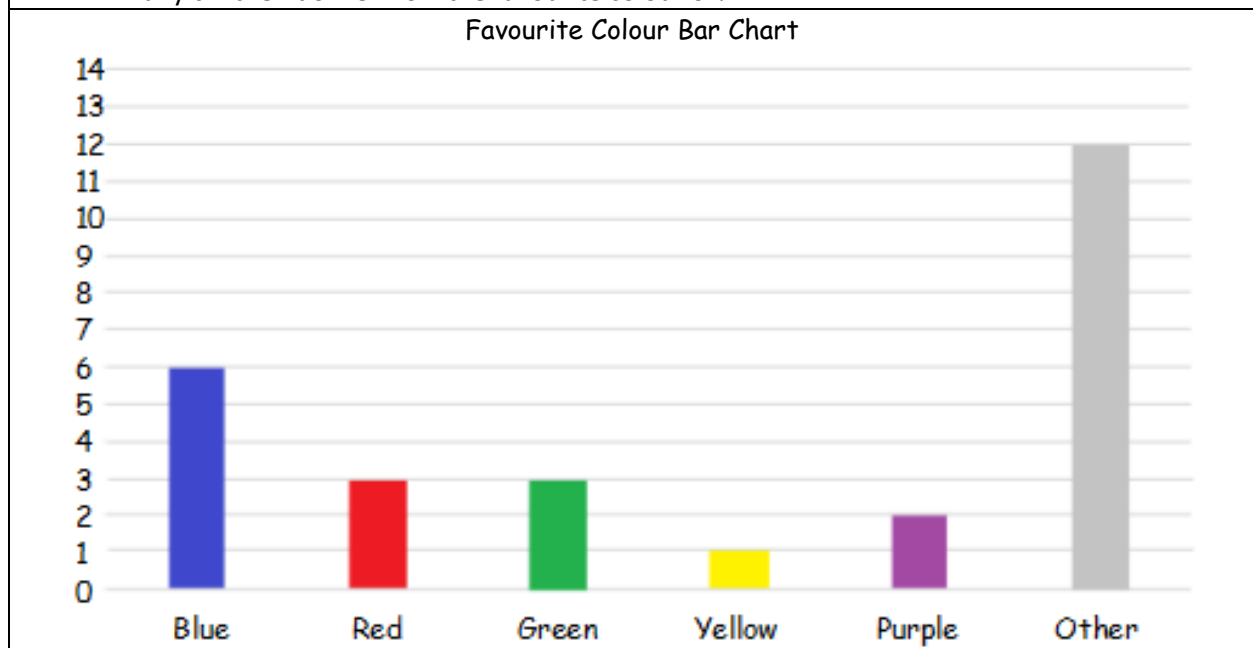he tally chart would have been, using the pictogram to help you? Purple is tricky- use what you know about green and yellow to help you!

Favourite Colour Tally Results		Favourite Colour Pictogram	
Blue		Blue	
Red		Red	
Green	III	Green	
Yellow	I	Yellow	
Purple		Purple	
Other		Other	

Imagine the colours were lego blocks that were stacked- using the graph below, can you answer the questions- use the lines on the chart to help you to see how many:
1) How many more children chose red than yellow?
2) More children chose blue than green, what was the difference?
3) How many children chose blue and purple?
4) How many children were in the class altogether?
5) We don't know the exact colour that the children who said 'other' would have chosen. How many children do we know the favourite colour of?

Favourite Colour Bar Chart

The same class of children shared which pets they had at home. Here is a tally chart to show what they said.

Pets Pictogram	
Cat	III
Dog	~~IIII~~ IIII
Fish	I
Rabbit	I
Hamster	II
None	~~IIII~~ ~~IIII~~
Other	I

Can you create your own block graph and pictogram to match?

Watch the ice cream clip to help you: https://www.bbc.co.uk/bitesize/clips/zkf34wx