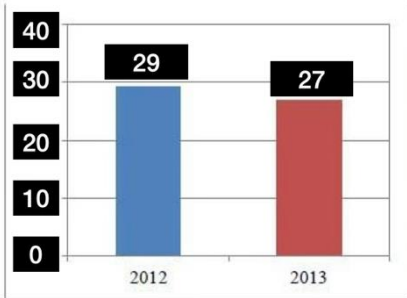

3. Explain how pictographs and bar graphs are similar and how they are different.

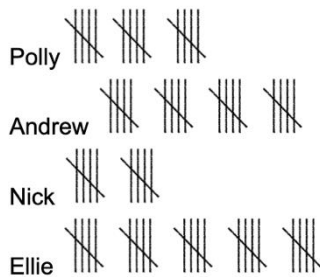
4. Create a pictograph using the data in the table below. Make each symbol worth more than one animal. What number is a good choice for the scale?

Animal	Number in the Group
chickens	15
dogs	3
horses	6
cows	12
cats	1

5. Analyze the graph below. What might be happening that would create the data? What title would you give the graph?



6. Four friends are practicing hitting baseballs. They record their hits using tally marks. Create a bar graph using the tally data below.



7. What are 3 statements that you can make about the data in the graph you created above?



8. Write 3 different questions that you could ask to collect tallies in order to make a bar graph.

9. Make a chart for the numbers 0 to 12. Predict which numbers will happen the most often if you roll 2 dice and add the numbers together. Explain your predictions.

10. Bobby is doing a probability experiment. She has 6 coloured pieces in a bag. Without looking, she pulls out a piece, records the colour, and places it back into the bag. Then she repeats the experiment.

In her first 20 tries, she pulls out 11 yellow pieces, 6 blue pieces and 3 red pieces. Based on what she has pulled out so far, what do you predict is in the bag? Explain your reasoning.