

Name _____

Date _____ Period _____

Think Like a Scientist – Skills – Review sheets

DEFINE these vocabulary terms in your own words (you may use your resources):

Observe	
Qualitative Observations	
Quantitative Observations	
Inferring	
Prediction	
Classify	
Make models	

WRITE one vocabulary word from above next to each example:

Example	Thinking Skill
1) Sarah groups the flowers she sees into categories based on what they look like.	
2) Sarah observed that there were 22 flowers in the garden.	
3) Sarah noticed some caterpillars on some of the leaves and decided that was how the leaves got holes in them.	
4) Sarah sketched a diagram of each flower in her notebook.	
5) Sarah saw on the news that the next week was not going to have any rain, and she guessed that the flowers may get very dry.	
6) Sarah observed that the flowers smelled very sweet and fragrant.	

MAKE 3 of each type of inference

MAKE 2 inferences

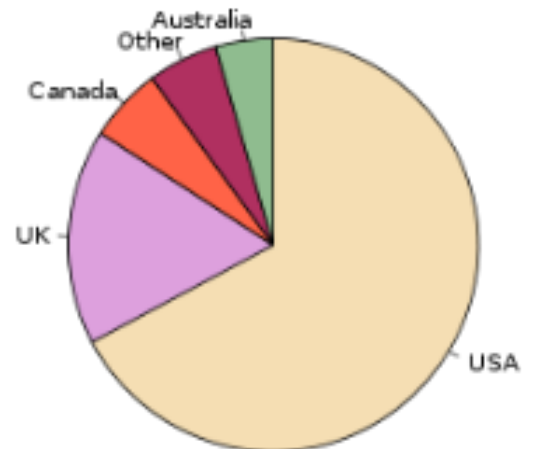
MAKE 2 predictions



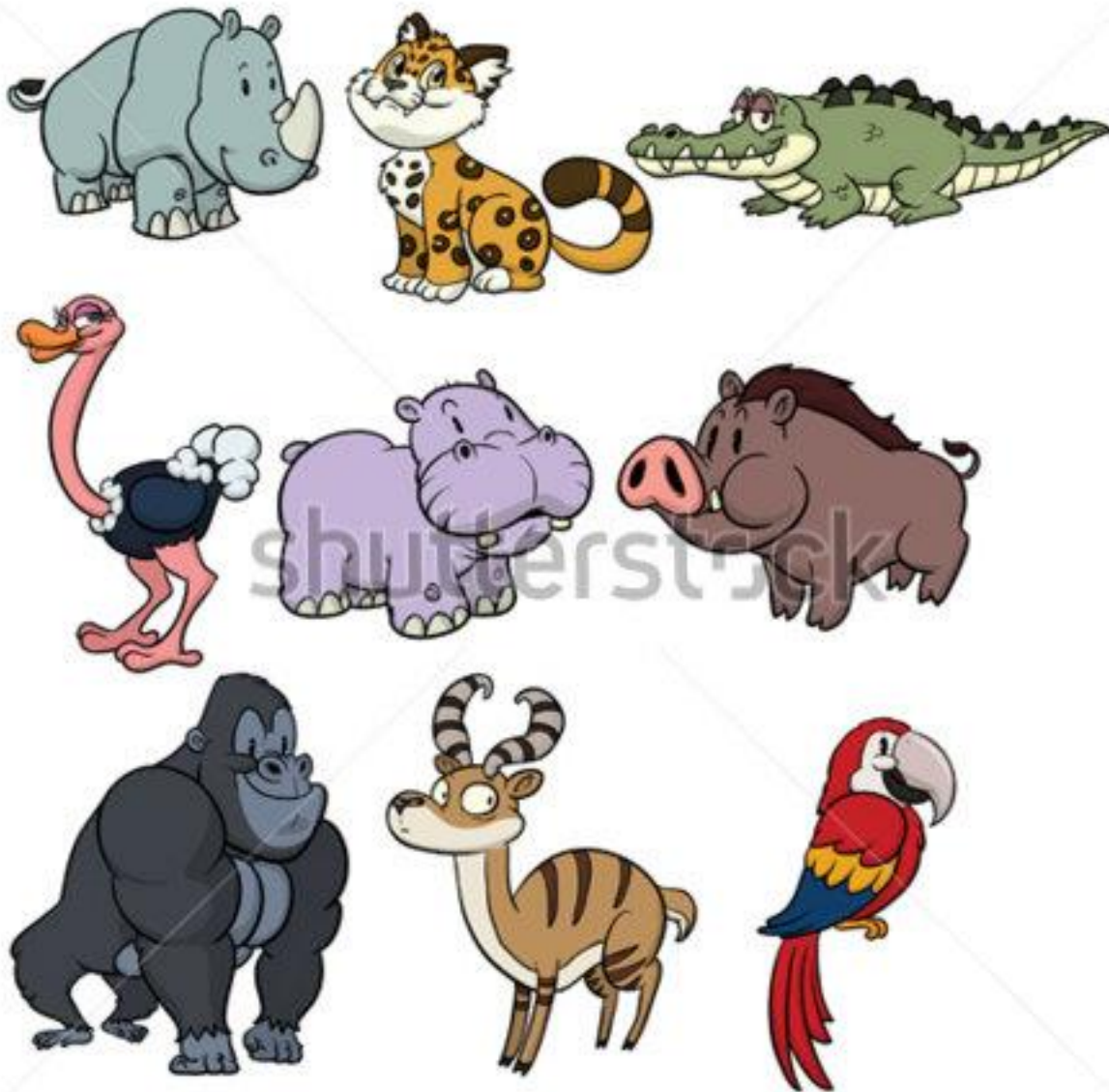
Qualitative	Quantitative
1) 2) 3)	1) 2) 3)
Make inference:	
Make a prediction:	

ANSWER the questions about the graph – MAKE a prediction

- 1) What country eats the most strawberries?
- 2) Do you think this graph would look different in January?
Why or why not?



CLASSIFY these animals into categories – make sure you don't make an "other" category and every animal **MUST** be included:



Skill	Example from your real life	Why this skill is important to scientists
Observing		
Inferring		
Predicting		
Classification		
Making models		

