Non-fiction Animal Math Book Worksheet

1. Pick your favorite animal.
   Pick animals to use for comparisons (e.g. compare a cheetah to a lion and a tiger)
	2. Research using
	   *Internet
	   *Books from library
	   *Magazines

3. Organize your information
   *Appearance
   *Habitat
   *Diet
   *Interesting Facts
	4. Gather mathematical facts about your animal (e.g. weight, length, speed, amount animal eats, how often animal eats, how long animal lives, etc.)

5. Pick graphic ways to show your mathematical facts:
   *Bar graphs (weights, speeds)
   *Timelines
   *Diagrams
   *Pictures
   *Map for habitat information
	6. Write about each topic in #3.
	   *Be specific ("The head of a Goliath bird eater tarantula is the size of a fifty-cent piece.")
	   *Use strong verbs (The tarantula "thunders out of the hole.")
	   *Use sensory details--if possible, include sound, touch, taste, or smell, as well as what something looks like

7. Show the math using bar graphs, etc., then write about the math (e.g. Cheetahs can run twice as fast as tigers.)	8. Put your book together:
	   *Cover
	   *Introduction - why you picked your animal
	   For each topic below, write one page about the animal, then on the next page show the math and write about it:
	   *Appearance
	   *Habitat
	   *Diet
	   *Interesting facts
	   Optional page:
	   *About the Author