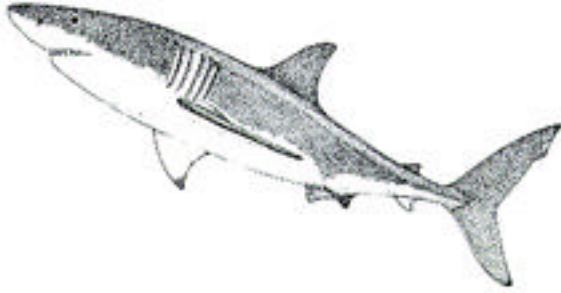


The Math of Sharks!!!



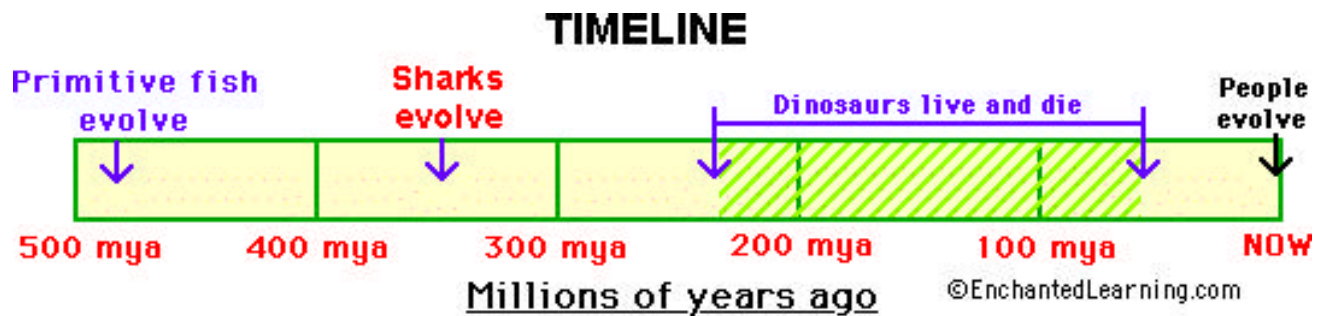
(graphic from http://www.seaworld.org/animal_bytes/greatwhiteab.html)

WELCOME TO THE WORLD OF SHARKS!

GO TO <http://www.enchantedlearning.com/subjects/sharks/allabout/>

1) How long have sharks been around? _____

2) Using the chart below, can you tell how many million years ago sharks evolved (began to exist)? _____



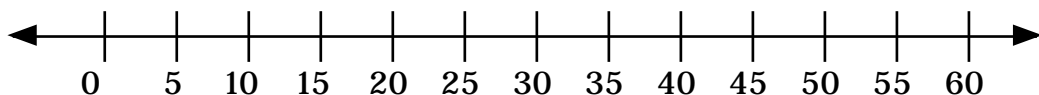
NOTE: "mya" stands for millions of years ago

3) What is a shark skeleton made out of? _____

Scroll down

4) What is the range in size for most sharks? From _____ inches to _____ feet. Draw a number line showing this range:

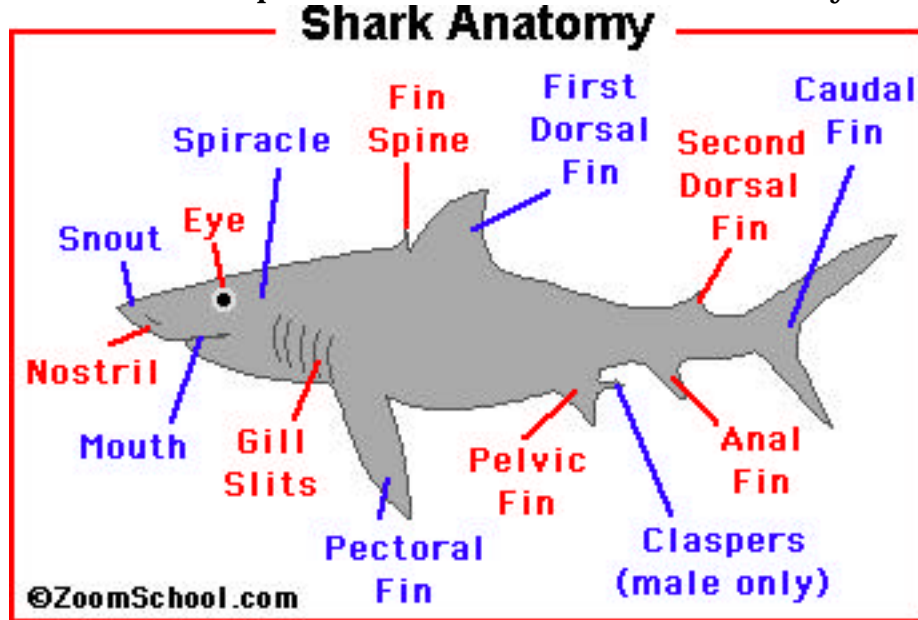
in feet



Scroll down a little

5) Write at least three sentences summarizing how the different body features of sharks help sharks in surviving. _____

Below is a picture of a shark and its anatomy:



Scroll down and read about VARIETY OF SHARKS

6) How many species of sharks are there? _____

7) Which sharks are hard to find? _____

8) Which sharks are more common? _____

You can **click** on the names of those sharks and read more about them!

Scroll down to SKELETON

9) All sharks and rays and skates belong to a group of fish called _____ because they have no _____ only _____.



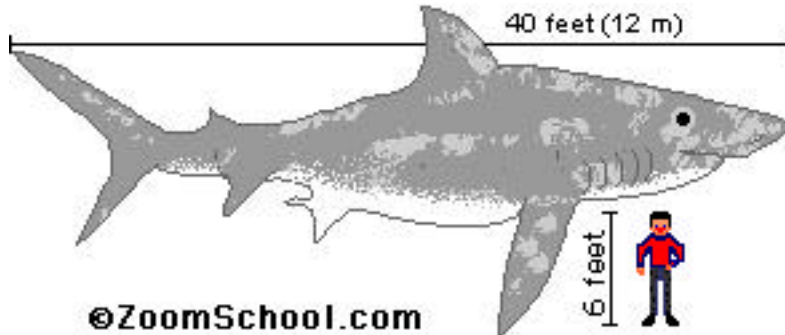
Scroll down to TEETH

(graphic by Enchanted Learning Software)

10) How many teeth can sharks have and how are they arranged? _____

Scroll down to the bottom and look for **EXTINCT SHARKS**

11) The Megalodon is now an extinct shark. How many times does a 6 foot person fit inside a 40 feet long Megalodon? _____



Scroll down to **INFORMATION SHEET ABOUT SHARKS AND RAYS.**

Now, it's your turn to pick 5 sharks from the list and compare either their sizes, habitat depths (how deep they live in the ocean), or their sizes at birth, etc. You can compare more sharks if you wish, but ask your teacher.

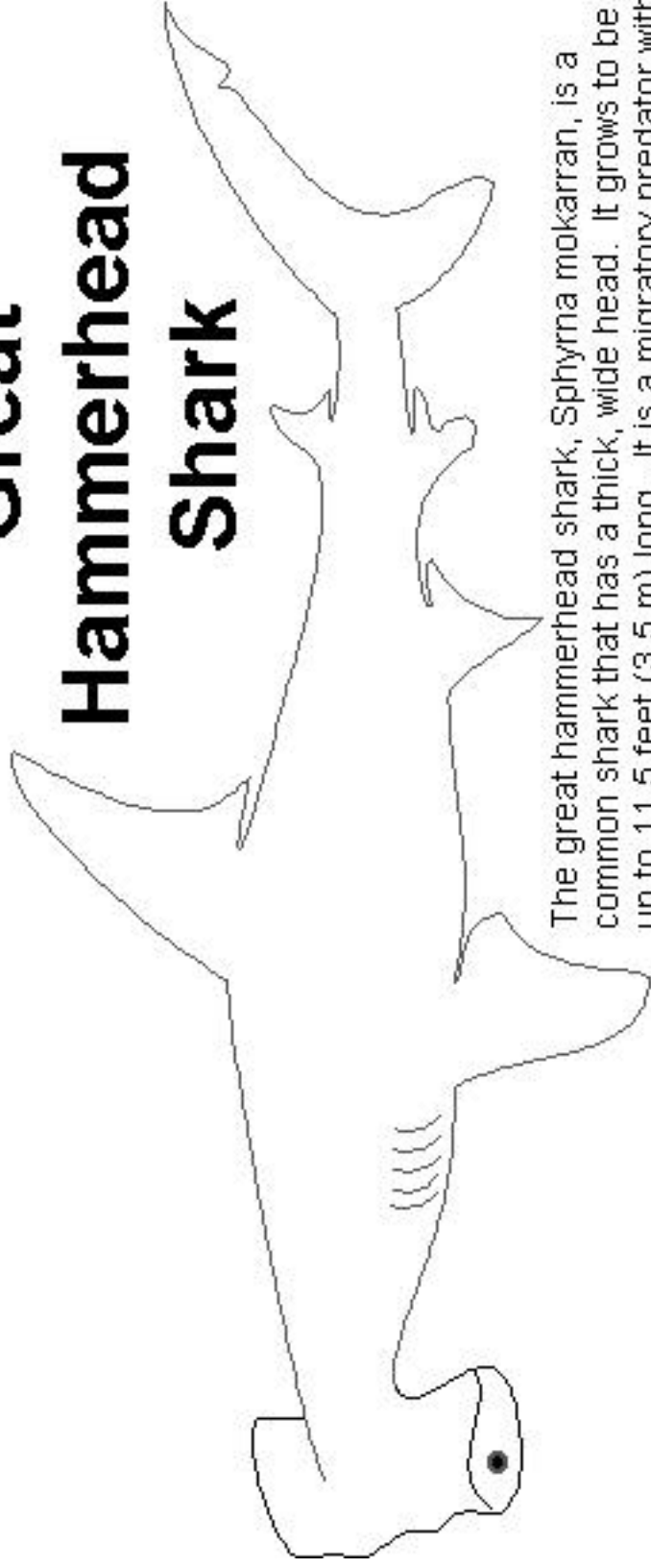
These are the sharks I am picking and the one category I'm comparing:

Sharks

Category _____

Then make a nice bar graph of what you found!

Great Hammerhead Shark



The great hammerhead shark, *Sphyrna mokarran*, is a common shark that has a thick, wide head. It grows to be up to 11.5 feet (3.5 m) long. It is a migratory predator with a good sense of smell. Hammerheads eat fish, including rays and other sharks. Great hammerheads are found in most warm waters.