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Shark Notes

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Phylum: _____

Class: _____

• Sharks are characterized by:

1. a _____ skeleton (having a skeleton composed either entirely or mainly of cartilage)
2. five to seven gill _____ on the sides of the head
3. _____ fins that are not fused to the head

- Sharks can go for _____ periods of time without eating
- Liver- large, _____ Liver that have 2 main functions:
 1. Helps _____
 2. Keeps the shark _____
- The posterior tail is the sharks propeller
- Pectoral fins steady the shark
- Gills- they either have 5, 6, or 7

• Reproduction:

- Males have a clasper that sperm travels down into an opening into the females body where her _____ are.
- _____ (producing young by means of eggs that are hatched within the body of the parent)
- _____ (Live young that have developed inside the body of the parent)
- _____ (eggs that are hatched after they have been laid by the parent)
- New born sharks are born and then left to defend for themselves

• Size- varies for 6 inches to _____ feet. They average about 3 feet depending on species

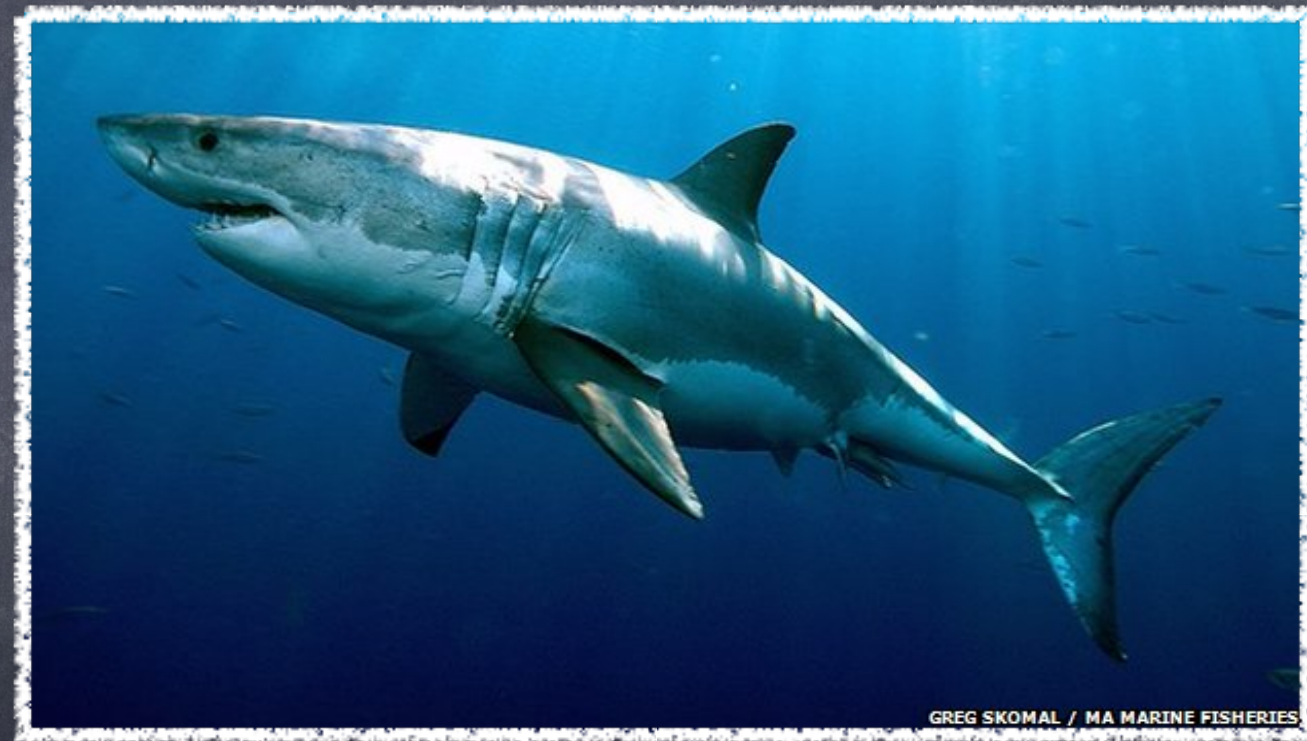
• There are _____ orders of fish:

- Squatiniformes
- Pristiophoriformes
- Squaliformes
- Carcharhiniformes
- Lamniformes
- Orectolobiformes
- Heterodontiformes
- Hexanchiformes

- They do not have scales. They have _____ denticles (skin teeth)
- Sharks have great eye sight but it is even better at _____
- All sharks have a row of tiny receptors called _____. These sensors help to detect prey
- Their ears are on the inside of their head

Great White Shark

- Also known as the white _____ shark
- Order- Lamniformes
- Family- _____
- Size- up to about 25 ft and about _____ tons



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- Habitat- lives in cool temperatures inshore, offshore, and open oceans
- Diet- they eat anything below them in the food _____, including other sharks
- Reproduction- they are ovoviviparous and usually have up to _____ young born after a 12 month gestation

Smooth Hammerhead Sharks

- Order- _____
- Family- Sphyrnidae
- Size- Up to _____ feet long



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- Habitat- costal to open seas, lives in tropical and temperate waters.
- Diet- eats mostly _____ and _____. They also eat offal and other dead matter.
- Offal- the entrails and internal organs of an animal used as food.
- Reproduction- ovoviviparous, they can have up to _____ young, they are born with their 'hammer' folded.

Thresher Shark

- Order- Lamniformes
- Family- _____
- Size- Up to 18 to 20 feet long and about _____ lbs.



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- Habitat- costal zone to far offshore in tropical and temperate waters.
- Diet- they eat mainly _____ fish, squid, octopuses, and dead sea crustaceans.
- Reproduction- ovoviviparous, 2 to 4 young, and an _____ gestation period.