

## Marine Mammals

Name: \_\_\_\_\_

<http://www.enchantedlearning.com/subjects/whales/>

1. What are the three characteristics of mammals?
  - 1.
  - 2.
  - 3.
2. There are only two mammals that live their entire lives in the water.
  - 1.
  - 2.
3. Why do whales have almost no hair as an adult?
4. Besides having no teeth, what is another easy way to tell toothed whales from baleen whales with regards to their blowholes?
5. The number of teeth in a whales mouth can range anywhere from \_\_\_\_\_ to \_\_\_\_\_ at one time.
6. Since toothed whales do not have baleen, they must rely on what feature to find their prey?
7. Baleen is a sieve like device made of \_\_\_\_\_, the same substance hair and fingernails are made of.
8. Many baleen species of whales migrate from cold feeding grounds to warmer grounds to \_\_\_\_\_.
9. The toothed whales contain 66 different species which vastly out numbers the baleen whales which contain only \_\_\_\_\_ species.

10. The fastest whales, which can swim at 30mph are both the killer whales and the \_\_\_\_\_.

11. How do whales differ from fish by means of swimming.

12. The tail of a fish is referred to as the caudal tail which differs from whales because a whales tail is referred to as a \_\_\_\_\_.

13. What are the four activities in which a whale will break the surface?

1.

2.

3.

4.

14. Whales typically belong to strong stable groups called \_\_\_\_\_.

15. Bowhead whales typically have a pod of 3 in the spring and a pod of 50 in the fall. Why do you think they congregate this way?

16. What is the difference in traveling between baleen whales and toothed whales?

17. What kind of birth do whales have?

18. Of the two groups of whales, which uses echolocation?

19. Echolocation provides four important pieces of information to a whale.

1.

2,

3.

4.

20. Baleen is made of keratin, the same protein that our \_\_\_\_\_  
and \_\_\_\_\_ are made of.

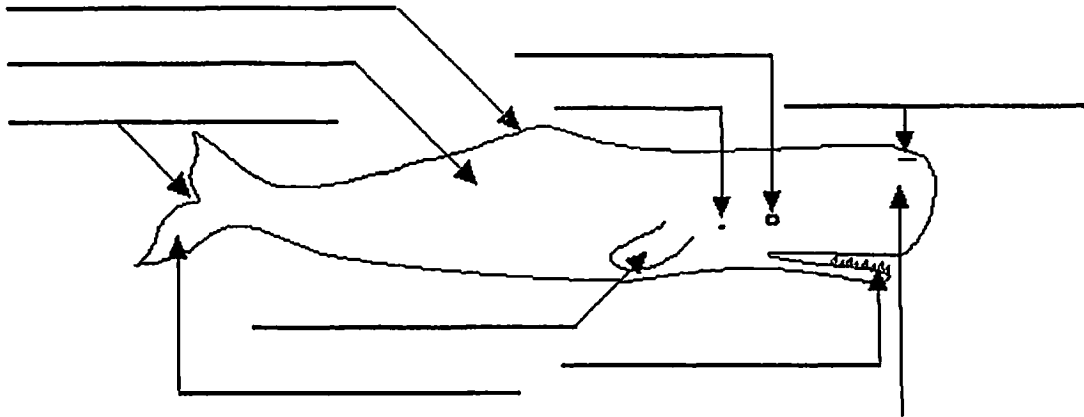
21. Most of the huge baleen whales are listed as endangered or protected species  
because of what?

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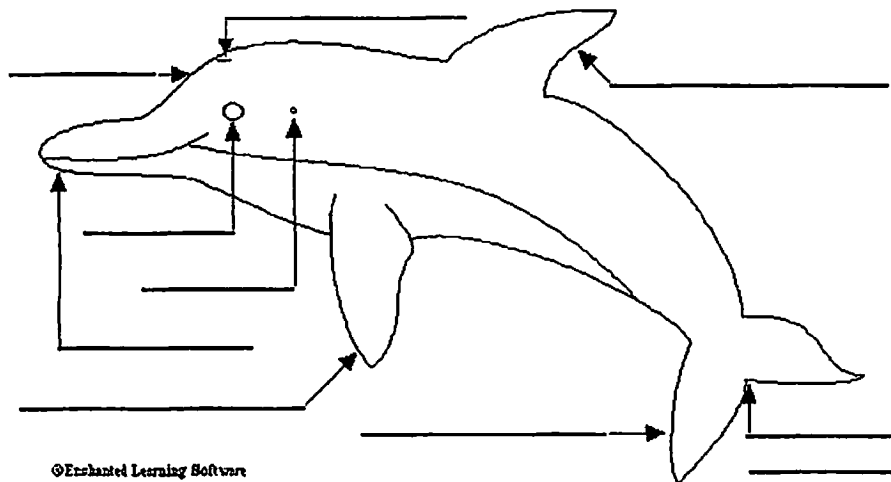
Fill in the table below

	Whales	Fish
Breathing		
Swimming		
Skin		
Young		
Care of young		
Thermal Regulation		

Label the diagram. Blowhole, head, conical teeth, skin. Ear, eye, fluke, flippers, median notch, and hump.



Label the following diagram. Beak, blowhole, dorsal fin, ear, eye, fluke, flipper, median notch, and melon.



22. Whales can stay under water for incredible lengths of time, however the \_\_\_\_\_ can stay under the longest at two hours.
23. What do whales do when they dive under water that lets them conserve oxygen and dive longer?

[http://www.whale-images.com/killer\\_whale\\_facts.jsp](http://www.whale-images.com/killer_whale_facts.jsp)

24. There are three distinct species of killer whales. What four things distinguish one species from another?

- 1.
- 2.
- 3.
- 4.

25. Killer whales are easily identifiable due to their \_\_\_\_\_ and \_\_\_\_\_ coloration.

26. Killer whales have a fusiform body. What does that mean?

27. The easiest way to distinguish between a male and female killer whale is to look at their dorsal fin out of the water. Why?

28. Describe the hunting process for killer whales.

29. What are the four daily activities that fall in the life of a killer whale?

1.

2.

3.

4.

30. Killer whales have both acute \_\_\_\_\_ and acute \_\_\_\_\_ in and out of the water.

31. How can one killer whale differentiate between his or her pod and another pod?