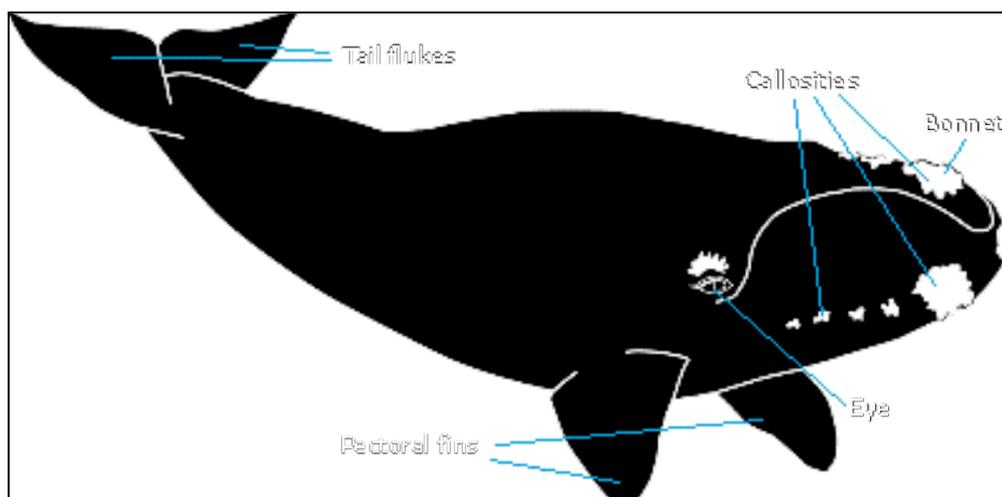




## Whales & Dolphins Year 10 Exercise



1. How many species of whales & dolphins are found around the world? How many of these are found in Australian waters? \_\_\_\_\_
2. What are the two types of feeding mechanisms that distinguish Cetaceans  
\_\_\_\_\_
3. How many blowholes does a baleen whale have? \_\_\_\_\_
4. What type of animal did the whales evolve from? How many years ago did this occur?  
\_\_\_\_\_
5. List three marine adaptations that whales have developed.  
(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_
6. How do whales sleep? \_\_\_\_\_
7. What is the largest creature on earth? \_\_\_\_\_
8. How long do whales live for? \_\_\_\_\_
9. Name three distinctive features of Humpback Whales.  
(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_
10. What distance do Humpback Whales migrate? What two locations do they migrate between?  
\_\_\_\_\_
11. What length are humpback whale calves when they are born? How much milk does a humpback whale calf drink each day? \_\_\_\_\_
12. Name two characteristics of Humpback Whale song. Why do they sing?  
(1) \_\_\_\_\_ (2) \_\_\_\_\_
13. Name three different types of humpback whale behaviours that you may see.  
(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_
14. How can you distinguish a Southern right whale from a humpback whale?  
\_\_\_\_\_
15. Label the different features of a Southern right whale on the diagram below.



16. What are the two types of Minke whales found in Australian waters?

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17. What is the current major threat from humans faced by Minke whales?

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18. Name three ways Dolphin species communicate

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

19. What is echolocation? What is it used for? \_\_\_\_\_

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20. What is the difference between a Dolphin and a Porpoise?

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21. Why are Dolphins and Toothed Whales faster and more agile than the large baleen Whales?

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22. How deep do sperm whales dive too? How long can sperm whales hold their breathe for?

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23. What is the primary diet of Sperm Whales? \_\_\_\_\_

24. Why are Orcas called "Killer Whales"? \_\_\_\_\_

25. What is meant by matriarchal pods? \_\_\_\_\_

26. What is the primary diet of Pilot Whales? \_\_\_\_\_

27. What is the difference between *Tursiops aduncus* and *Tursiops truncatus*? What is their common name? \_\_\_\_\_

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28. Where are Bottlenose Dolphins found? \_\_\_\_\_

29. What is the scientific name for a Common Dolphin? \_\_\_\_\_

30. Are they found in Oceanic or Coastal waters? \_\_\_\_\_

31. What was the estimated pre-whaling population of Australian East Coast Humpback Whales?

What is the current estimated population size? \_\_\_\_\_

32. List six threats faced by Cetaceans.

(1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_

(4) \_\_\_\_\_ (5) \_\_\_\_\_ (6) \_\_\_\_\_

33. How much is the Whale Watching Industry worth too the Australian economy annually?

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