

CORALS AND CORAL REEFS
The Living Ocean
Pg. 177 – 186

NAME: _____ DATE: _____ PERIOD: _____

1. Are corals alive?

2. Corals have only a _____ stage.

3. How do corals grow?

4. Calyx:

5. What color is the exoskeleton of most reef-building corals?

6. Most species of corals are _____.

7. Unlike a solitary coral, a colonial coral grows by _____,
a process of

_____.

8. What type of symbiosis is there between the corals and zooxanthellae?

9. Why is this relationship important?

10. Septa:

11. Study the diagrams on pages 180 and 181. You will need to know the information on calyces in our lab later this week.

12. How is a coral reef formed?

13. Coral polyps produce skeleton at a rate of _____ per year.

14. Coral grows fastest on the _____.

15. Why do corals grow fastest there?

16. What is the importance of the tides and coral reefs?

17. Where is coralline algae usually found?

18. Why doesn't coral grow very well deeper on the outer reef face?

19. Label:

19. Subsidence:

Define, draw and label:

20. Fringing reef:

21. Barrier reef:

22. Atoll: