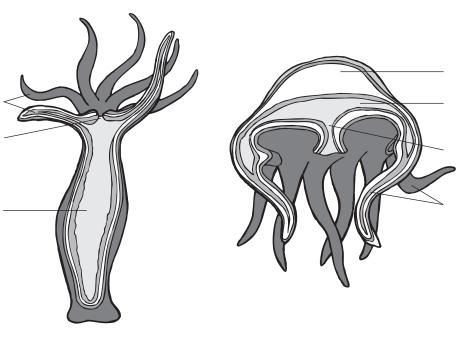
Na	ame		Class	Date			
Se	ection 26–3	Cnidarians	(pages 669-675)				
4	TEKS SUPPORT: 8/	A Classify organism	s; 10A Functions of o	organ systems			
	is section explains wh ist in the cnidarian life						
In	troduction (page	e 669)					
1.	Cnidarians are members of the phylum						
W	hat Is a Cnidari	an? (page 669)					
2.	What important f	eatures unite the	e cnidarians as a gr	roup?			
3.	What are cnidocy						
4.	A poison-filled, stinging structure within a cnidocyte that contains a tightly coiled						
	dart is called a(an)						
Fo	orm and Functio	n in Cnidaria	ans (pages 670–672	2)			
5.	Is the following se	entence true or fa	alse? Cnidarians h	ave bilateral symmetry.			
6.	What are the two	— stages in the cni	darian life cycle?				

7. Write labels on each illustration below to identify the life-cycle stage and to name the different body parts.

b. _



		_ Class	Date				
<i>Match the cnide</i>	arian structure with its desc	cription.					
S	Structure		Description a. Digestive chamber with single opening				
8	8. Gastroderm						
	9. Mesoglea		b. Sensory cells that help determine direction of				
	0. Gastrovascular cavity	gravity c. Inner lining of the gastrovascular cavity d. Loosely organized network of nerve cells e. Layer that lies between gastroderm and epidermis					
	11. Nerve net 12. Statocysts 13. Ocelli						
13		f. Eyespots that detect light					
4. Circle the	letter of each sentence th	at is true about	form and function in cnidarians.				
a. In a po	lyp, the mouth points do	wnward.					
	b. Materials that cannot be digested are passed out of the body through the mouth.						
	Cnidarians respire by diffusion through their body walls.						
d. Most c	d. Most cnidarians reproduce sexually and asexually.						
15. What doe	What does a cnidarian's hydrostatic skeleton consist of?						
	Cnidarians (pages 672- the table about classes of	674)	eleased?				
18. Complete	01.400						
18. Complete	CLASS	ES OF CNIDAR	RIANS				
18. Complete Class	CLASS Characteristics of Life C		RIANS				
•		cycle Ex					
•	Characteristics of Life C	dusas Example					
•	Characteristics of Life Control Live lives primarily as med Polyps of most grow in branching control Life Control Live III Control Life	dusas anching dusa stage					
•	Characteristics of Life Colonies; some lack a median	dusas anching dusa stage					

Naı	ne						
20.	How do hydras differ from other cnidarians in the class Hydrozoa?						
21.	Circle the letter of each sentence that is true about corals.						
	a. Corals secrete an underlying skeleton of calcium carbonate.						
	b. Corals are solitary polyps that live at all depths of the ocean.						
	c. Coral colonies growing near one another produce coral reefs.						
	d. Most corals are colonial.						
22.	Is the following sentence true or false? Sea anemones are solitary polyps.						
23.	How are coral reefs produced?						
Eco	ology of Corals (page 675)						
24.	What variables determine the worldwide distribution of corals?						
	a b c						
25.	What do corals depend on to capture solar energy, recycle nutrients, and help lay down their skeletons?						
26.	Circle the letter of each way that coral reefs can be harmed.						
	a. Sediments from logging can smother corals.						
	b. Overfishing can upset the ecological balance of coral reefs.						
	c. Algae can remove energy from corals.						
	d. Industrial pollutants can poison corals.						
27.	What is coral bleaching?						