

- 9. Is this a plant or an animal cell?
- 10. Which letter identifies the structure that captures sunlight energy for photosynthesis? _____
- 11. Which letter identifies the structure that makes proteins and lipids and that contains passageways through which substances move from place to place in the cell?
- 12. A plant cell has chloroplasts that capture sunlight for photosynthesis. Plant cells have mitochondria that release energy that the cell can use to do work. Animal cells have mitochondria but do not have chloroplasts. How do animal cells get the sugars that mitochondria use to release energy? [Section 2]

Cell Biology Cell Structures	Benchmark Review	Name: Period:	
	nent, the cells of a multicellular organism		
14. A	is a group of cells working toget	orking together to perform a specific function. [Section 3]	
a. a group o b. a group o c. a group o	the following best describes an organ? [Sect f cells that work together to perform a specifi f tissues that belong to different systems f tissues that work together to perform a spec ructure, such as muscles or lungs	c job	
15. Describe the fou	r levels of organization in multicellular organi	isms. [Section 3]	
	smates states a hypothesis that all organism othesis valid? Explain your answer. <i>[Section</i>		
_	the right to answer the next question. [Section puld happen to an organism if the organ syst		

18. How do you think cell differentiation affects an organism? [Section 3]