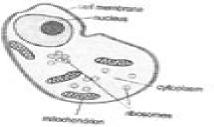
# 7th grade Cell Biology Study Guide

Name \_\_\_\_\_ Period \_\_\_\_

1. What is the rigid structure that is found in plants and trees called \_\_\_\_\_\_\_

2. Please view the picture:



What type of cell is this? Please circle: a prokaryotic cell or eukaryotic cell and is this a picture of a plant or animal cell and explain why?

3. No matter how large or how small a living organism is:

True or False a. All living things have cells \_\_\_\_\_\_

b. Their cells function similarly \_\_\_\_\_

4. What organelle stores the genetic information of the cell?

And what is this genetic material called that crime investigators use to study \_\_\_\_\_\_.

5. What is the green pigment inside the chloroplasts called \_\_\_\_\_\_\_. This green surface allows these organelles (chloroplasts) to absorb energy from which source?

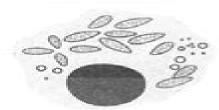
6. How do chloroplasts help the mitochondria function?

7. When an animal cell uses the chemical energy stored in sugar molecules, which organelle or organelles must the oxygen reach? \_\_\_\_\_\_\_.

8. Sunlight is the fuel for \_\_\_\_\_\_\_

 Different cells have different number of mitochondria. In fact, some of your cells in your body have a hundred mitochondria. A cell that uses a large amount of \_\_\_\_\_\_ would need more mitochondria.

10. Is this a plant or an animal and why?



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Zhe Xu

Grade 9 Science	Worksheets	<b>Answers:</b>
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