

Name _____ Class Period _____



Homework for Monday, February 27th, 2017

In what organelle does cellular respiration take place?

Name two storage organelles?

What is the list of organelles that take part in protein synthesis?

How is the nucleus involved in protein synthesis?

What organelle is considered a “factory”, because it takes in raw materials and converts them to cell products that can be used by the cell?

How does the membrane of the cell differ from the nuclear membrane? What advantages does this difference have for the nucleus?

What do ribosomes do? Are they found freely floating in the cytoplasm? OR are they found attached to another organelle? OR both. Explain why this occurs.

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What does the endoplasmic reticulum do?

What is the difference between rough ER and smooth ER? What is the ER doing that is different in each case?

What are lysosomes? What types of molecules would be found inside a lysosome?

Why might a lysosome fuse with or link up with a food vacuole?

In what organelle do molecules move from the ER to the Golgi bodies?

What is a centriole? In what type of cell (plant or animal) is it found? What does it do for the cell?