MAKING CONNECTIONS

1. Describe how a digestive enzyme, like intestinal protease, is made in a cell and how it gets to where it is needed, say in a food vacuole. Which type of cells would it be made in? Be sure that all organelles are used in your description.
2. How is a cell membrane related to a food vacuole?
3. How do a food vacuole and a lysosome interact?
4. What organelle does a Golgi body make and why is it important?
5. How does a cell rid of undigested waste after it consumes another cell for food?
6. Describe how and where carbon dioxide is created in a cell and how the cell rids of toxin.
7. Describe the steps of breathing and explain how oxygen gets from the air into a cell where it is needed.