**“Meat (Minus the Animals)”** from Science Illustrated Nov/Dec 2010

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per # \_\_\_\_\_\_\_\_

Read the article and answer the questions. I will collect it on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Be ready to discuss your answers in class. If you have questions about anything in the article you don’t understand, jot it down and I’ll address your question in class.

1. What is the goal of the In Vitro Meat Consortium?
2. Each stem cell from an umbilical cord of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ could potentially be turned into \_\_\_\_\_\_\_\_\_\_\_\_ pounds of meat.
3. 98% of meat raised in the US comes from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Statistics:

1. One beef cow in the US consumes \_\_\_\_\_\_\_\_\_ gallons of water, \_\_\_\_\_\_\_\_\_\_\_\_ pounds of feed, and \_\_\_\_\_\_\_\_\_\_\_\_ gallons of oil.

What % of land world-wide is dedicated to grazing livestock and raising their food? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Livestock produces \_\_\_\_\_\_\_\_\_% of greenhouse gases globally.

1. What are the 3 ways to create stem cell meat?
2. List 3 challenges that scientists have to overcome in order to culture meat.
3. What do you think????