

Name: _____ Date: _____ Class: _____

Life-Cycle Assessment Pre-Quiz

1. What is a life cycle?
2. Name the three main parts of a life-cycle assessment (LCA).
 - A. _____
 - B. _____
 - C. _____
3. Why is it important for engineers to use the LCA when designing products?
(Include at least two reasons in your answer.)
4. You are making a batch of cupcakes. The recipe calls for 120 ml of milk. If it takes 50 kJ of energy to make 10 ml of milk, how much energy is needed to make 120 ml of milk? (Show your work.)
Hint: 10 ml milk needs 50 kJ of energy

Energy needed to make 120 ml of milk: _____