Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Block\_\_\_\_\_\_\_\_

**Body Story: Breaking Down**

**Part I: Lisa a Teenager**

1. How are Lisa’s Bones smart?
2. If Lisa is 95 years old, how old are her bones?
3. Describe what happened to Lisa in the accident.
4. List 5 ways Lisa’s body/cells starting to repair the damaged area?
5. What are **stem cells** and how often do they divide to repair the injury.
6. What do the bone destroyers do for the next year after a bone is healed?

**Part II: Bob the Old Guy**

1. What is happening to Bob’s body and his organ systems now that he is old.
2. How many skin cells does Bob and you lose per day.
3. Because of stem cells replacing old worn out cells, how old are the oldest cells in Bob’s body.
4. List 4 reasons why Bob’s muscles are weak and he can only walk slowly.

a.

b.

c.

d.

1. What would happen if Bobs brain cells were replaced.
2. Why is Bob colder than he used to be?
3. What has happened in Bob’s stomach that makes him queasy?
4. List 2 reasons how Bob body is trying to fix the Stomach Problem

a.

b.

1. list 3 things Bobs body is doing as it is shutting down

a.

b.

c.

1. What does Bobs body keep doing even after Death?
2. How is Bob still Present “Biologically”?
3. Who won the Chess Match?