**TedTalk: How do cancer cells behave differently than other cells?**

Name:

Hour:

\_\_\_\_\_\_/11pts

<http://ed.ted.com/lessons/how-do-cancer-cells-behave-differently-from-healthy-ones-george-zaidan>

1. About how many cells are in the human body?



1. **Cancer cells are rogue clones. List and describe three mutations that allow these cells to escape the normal restrictions placed on our body’s cells. 3pts**
2. Why doesn't cancer just die off after one rogue division?
3. **There are many actions that you can take to improve your lifestyle and reduce your risk of developing cancer. How can you take an active role in cancer prevention?**
4. Circle the choice which is not a routine treatment recommended to cancer treatments?

Radiation, Local Anesthetics, Chemotherapy, Surgery

1. **Harry is diagnosed with prostate cancer. What are some questions that he should ask his doctor? Why should he ask those questions?2pts**
2. Why are chemotherapy and radiation dangerous?
3. Why are chemotherapeutic drugs generally successful against cancer cells?