



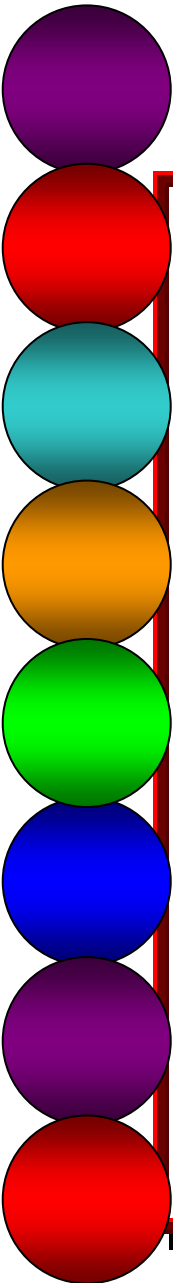
Lesson 1 Problem Set: "What is Cancer?"

Short Answer:

1. Define cancer.
2. Although there are many different types of cancers, what is the one common mechanism by which cancer arises?
3. Define metastasis. Why is metastasis bad?
4. Name two types of cancers that are not characterized by solid tumors. Where are these cancers in the body?
5. How does leukemia increase risk of infection?

True/False: State whether the following statements are true or false. If they are false, correct the portions of each statement that are incorrect.

1. Cancer is the first leading cause of death in the United States, followed by heart disease.
2. Benign tumors are highly metastatic.

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3. Smoking increases your chance of developing lung cancer.
 4. Diet and exercise are important in preventing heart disease, but not cancer.
 5. Your genes can only be mutated through hereditary mechanisms.
 6. Unlike normal cells, cancer cells do not continually grow and divide.

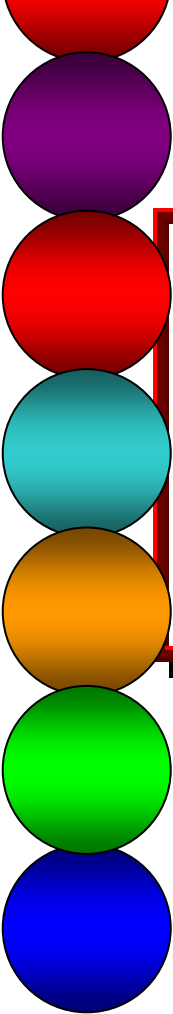
Fill in the blank:

1. _____ are structures that carry the genes, the basic units of heredity.
2. Nearly ____ of all men and ____ or all women in the US will develop cancer over their lifetime.
3. Often times cancer is an age-related disease. In fact, about ____ percent of cancers develop in patients 55 or older.



Vocabulary:

1. Malignant:
2. Incidence Rate:
3. Carcinoma
4. Sarcoma



5. Myeloma:

6. Risk Factor