CANCER WORKSHEET

Name_________________________________________ Period______

Go to this web site: http://www.cancer.gov/cancertopics/understandingcancer/cancer/page1 You will keep clicking on the next slide (go to next section) to find the answers to the following questions: (the number of the question is usually the number of the slide to find the answer)

1. What is cancer?___________________________________________________

2. Write in THE TYPE OF CANCER TO WHERE IT ORIGINATES:
   __________supporting tissue such as bone, cartilage, fat, connective tissue or muscle?
   __________from external and internal surfaces (lungs, breast, colon)
   __________grow in bone marrow and accumulate in bloodstream

3. How are cancers named? Give a couple examples.
   __________________________________________________________________________________________
   __________________________________________________________________________________________

4. What is apoptosis?_______________________________________________________________

5. Describe how normal skin growth happens:

6. How does cancerous growth begin?

7. What is a tumor? What is another name for a tumor? Why do they always increase in size?

8. What is metastasis? Where do these cancer cells usually go?

9. Contrast benign and malignant cancer cells:

10. Where did a metastatic melanoma cell in the liver originate?

Look at slides #11-17 and match the following:

_____ Pap test A. test for cervical cancer
_____ PSA test     B. major cause of cervical cancer
_____ HPV virus   C. used to detect prostate cancer
_____ biopsy      D. lighted instrument used to find colon growths
_____ mammogram   E. used to detect colon cancer
_____ blood test  F. test for breast cancer
_____ sigmoidoscope G. surgical removal of the cancer growth
____FOBT         H. used to detect leukemia
18. On slide 18 list at least 5 things that might suggest a cancerous growth.
   a. __________________________________________________
   b. __________________________________________________
   c. __________________________________________________
   d. __________________________________________________
   e. __________________________________________________

19. What is “hyperplasia?” Is it considered cancerous?

20. What is ‘dysplasia?” Is it considered cancerous?

21. What is “carcinoma in situ?” What is the recommended treatment?

22. SLIDE 24: List at least six possible causes of cancer:

23. What is the most prevalent type of cancer in each of these countries?
   UK__________________________________  Japan________________________________
   China________________________________  Australia________________________________
   Brazil________________________________  Canada________________________________

24. What might be a couple reasons why countries may have higher incidences of some types of cancers?

25. SLIDE 27  What causes the most cancer?____________________________ Why?

26. What are some examples of low-strength and of high-strength radiation?

27. What are carcinogens?

28. SLIDE 32 List at least 4 viruses that cause cancer and the disease they cause.

29. What is KSHV?

30. What does the bacterium Helicobacter pyloric cause?________________________

31. Slide 37 What do these genes suggest? BRCA1 or BRCA2

32. Slide 42 What are oncogenes?

33. Slides 45-7 What are “tumor suppressor genes?” What is p53?

34. From the remaining slides list at least 5 tips to avoid getting cancer: