



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: