

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Worksheet 6 Cancer & Treatment (Nelson p.42-45)

1) Match the description with the key terms below.

<b>benign tumour</b>	<b>cancer</b>	<b>carcinogen</b>	<b>malignant tumour</b>
<b>metastasis</b>	<b>chemotherapy</b>	<b>mutation</b>	<b>radiation therapy</b>
<b>tumour</b>	<b>surgery</b>		

Key Terms	Description
	An abnormal group of cells that reduces the normal functions of other body tissues
	Changes to a cell's DNA
	Tumour that is not cancerous and does not spread to other tissue
	The use of chemicals to treat cancer
	An agent that can cause DNA mutation
	Cancer cells can break away from the original tumour and move to a different part of the body.
	The physical removal of tumours
	Tumour that is cancerous and does spread to other tissue
	Cells with abnormal genetic material that are dividing uncontrollably
	The use of radiation to treat cancer

2) Use the chart below to describe **3 differences** between a **benign tumour** and a **malignant tumour**.

Benign tumour	Malignant tumour
1) _____ _____	1) _____ _____
2) _____ _____	2) _____ _____
3) _____ _____	3) _____ _____

3) **Cancer cell** is **different** from **normal cells** because \_\_\_\_\_  
\_\_\_\_\_

4) A person who has a skin cancer later may develop a tumour on her lungs because \_\_\_\_\_  
\_\_\_\_\_

5) Which **tumour** is more dangerous? **benign tumour** / **malignant tumour** (*circle one*)  
\_\_\_\_\_ tumour is more dangerous because \_\_\_\_\_  
\_\_\_\_\_

6) A **carcinogen** is \_\_\_\_\_  
**Three examples** of carcinogens that may be present in your everyday life are \_\_\_\_\_  
\_\_\_\_\_

7) **Two reasons** why a doctor may choose to treat a cancer using **chemotherapy** instead of surgery are  
a) \_\_\_\_\_  
b) \_\_\_\_\_

8) One **disadvantages** of **chemotherapy** is \_\_\_\_\_  
\_\_\_\_\_

9) One **advantages** of **chemotherapy** is \_\_\_\_\_  
\_\_\_\_\_

10) **Two ways** you can **reduce** your risk of getting cancer are  
a) \_\_\_\_\_  
b) \_\_\_\_\_