

**BIOLOGY 2 WORKSHEET**  
**Cell Cycle and Meiosis**

**CELL CYCLE**

New Book pg 254

Use the following data to answer question #1

NORMAL STOMACH CELLS

Interphase	120 min
Prophase	60 min
Metaphase	10 min
Anaphase	3 min
Telophase	12 min

CANCEROUS STOMACH CELLS

Interphase	16 min
Prophase	15 min
Metaphase	2 min
Anaphase	1 min
Telophase	3 min

1. Compare and then summarize how the two cell cycles are different:
2. What is cancer?
3. How do cancer cells affect an organism?
4. What is the connection between DNA segment mutations and regulation of cell growth and the cell cycle?
5. What are carcinogens?
6. Why does there seem to be an increased risk of cancer with age?