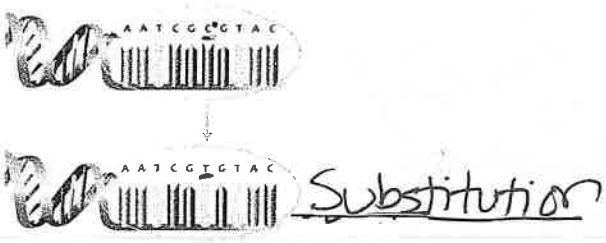
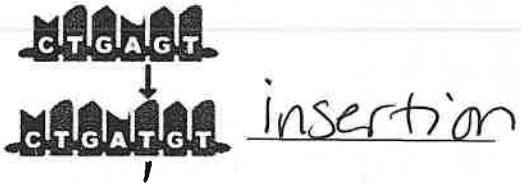
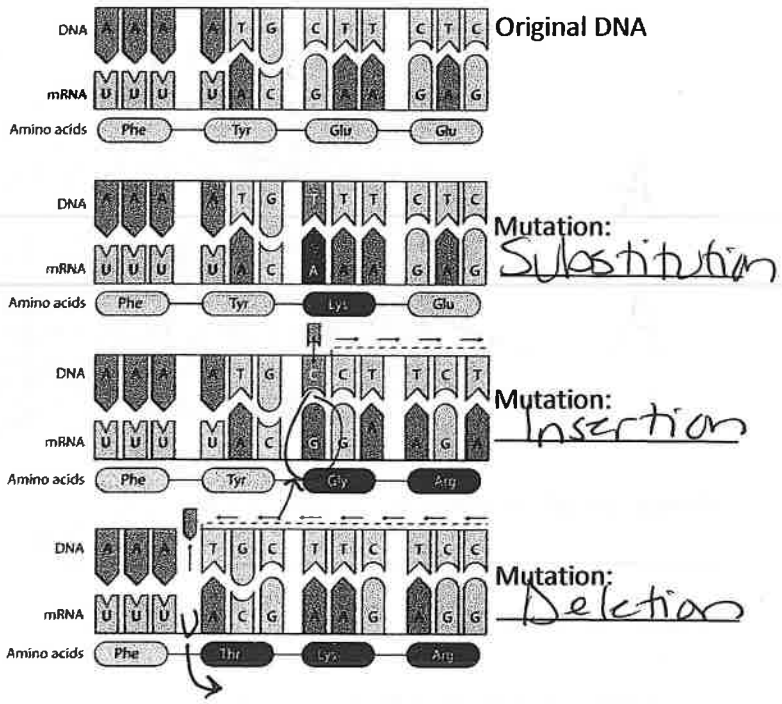
Label the following mutations Insertion, Deletion or Substitution

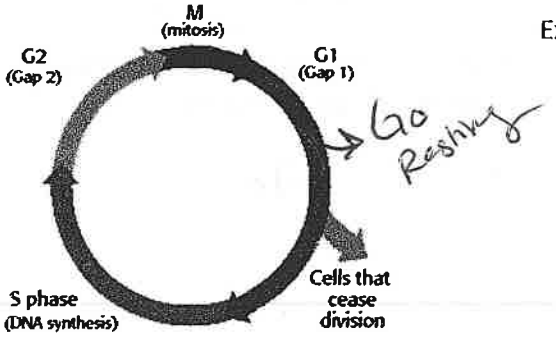
1. 

2. 

3. 

4. 

Cell Cycle (5A) – 6 questions



Explain what occurs in the missing stages of the cell cycle:

a. G1- growth and Go

b. S – DNA Replication

c. G2- repair and final preparation for division

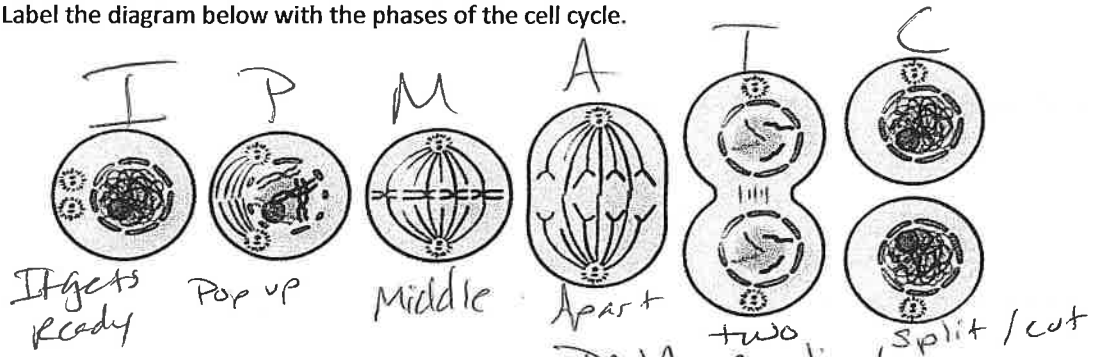
d. M (mitosis)– Cell Division

e. cytokinesis – Cell split into two.

1. How many cells are produced at the end of mitosis? 2

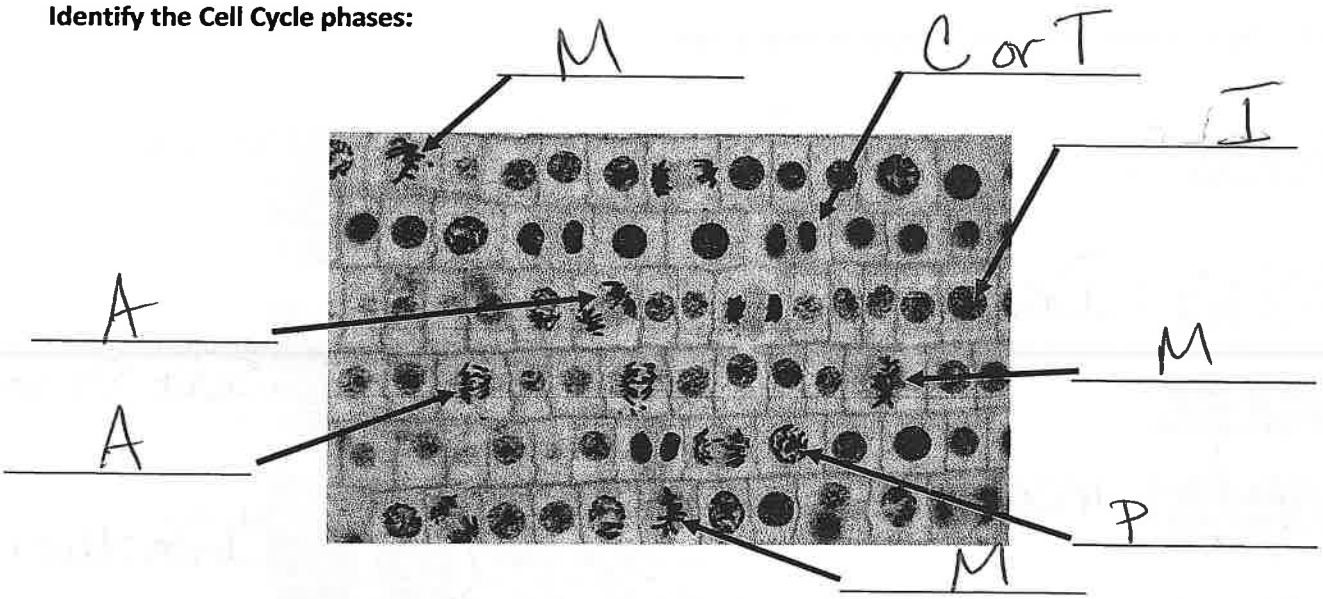
2. How do these new cells compare to each other? identical

3. Label the diagram below with the phases of the cell cycle.



4. What happens during S phase of Interphase? DNA Replication

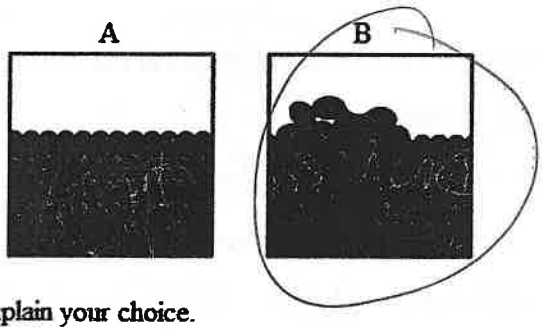
Identify the Cell Cycle phases:



Why is the cell cycle important, what is it for? Repair, Replace, Grow

Changes in the Cell Cycle

Circle which diagram best depicts a group of cancerous cells.



Explain your choice.

Irregular shape

2. What does uncontrolled cell growth lead to?

Cancer

3. What is the resting stage in Interphase that cancer cells do not enter?

G_0

REFLECTION:

What sections of the review do you feel the most confident about?

What sections of the review do you need to spend more time studying?

What day is your final? _____