

CELL CYCLE DIAGRAM

PART 1

INTERPHASE

WHAT OCCURS?

A.

B.

C.

MITOSIS

WHAT OCCURS?

A.

B.

C.

D.

PART 2

DRAW A DIAGRAM STARTING WITH G1 FOR A CELL WITH 6 CHROMOSOMES. REMEMBER, ONLY TWO PARENTS. INCLUDE:

- a. chromatin
- b. chromosomes
- c. nuclear membrane
- d. nuclear membrane disappearing
- e. nuclear membrane reappearing
- f. centrioles
- g. spindle
- h. cytokinesis
- i. use two different colors to represent two different parents.
- j. use different sized chromosomes to indicate different genes/information given by a parent
- k. label the phases
- l. write the # chromosomes/cell at each phase.