

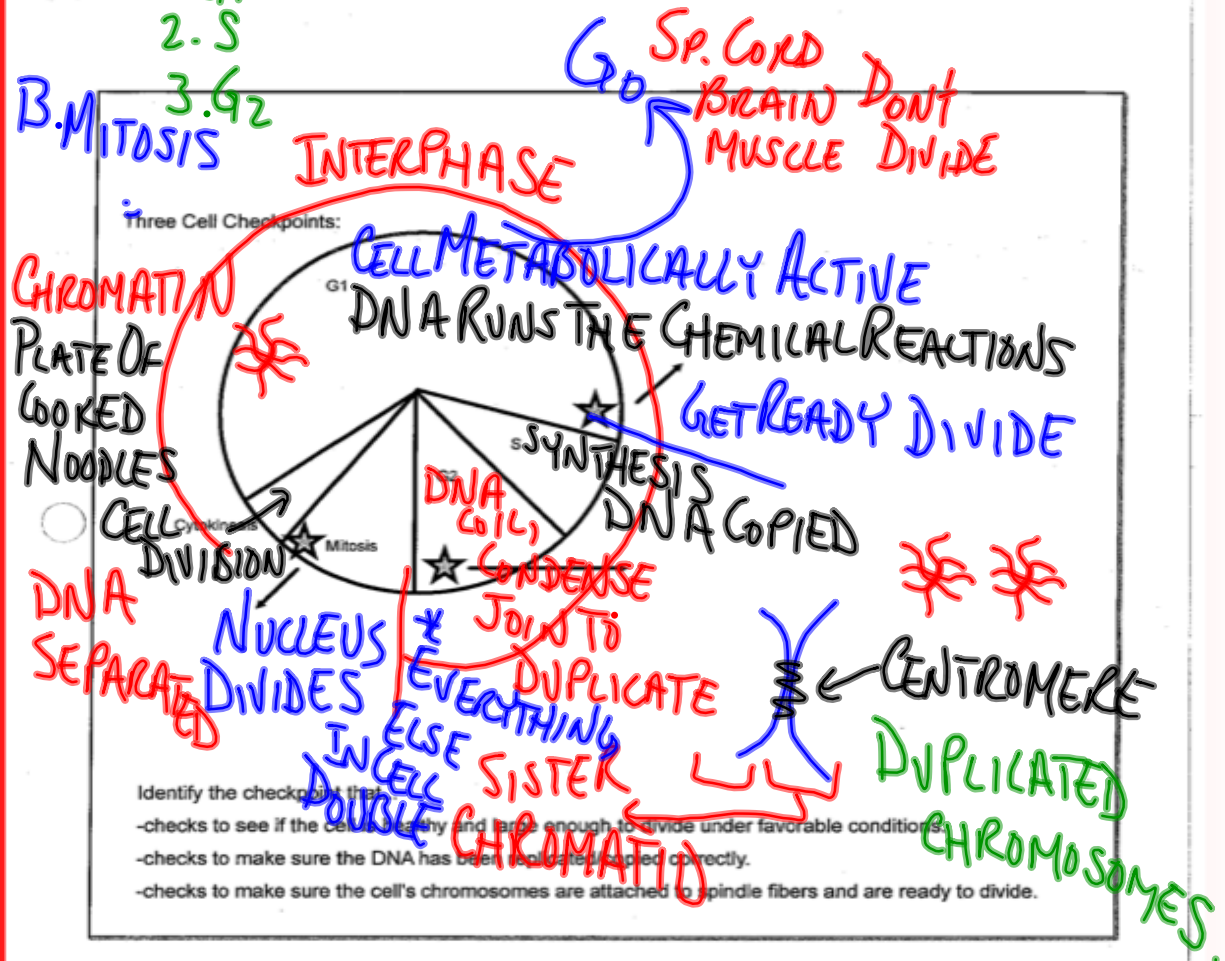
Today's Goal:

To understand what is going on during each phase of the cell cycle

A. INTERPHASE

1. G_1
2. S
3. G_2

B. MITOSIS



What is the name of the genetic material during the majority of the cell cycle?

CHROMATIN

Name the phase of the cell cycle that accounts for the majority of cell growth

G₁

What is the name for the first and longest phase of interphase?

G₁

What happens to the chromatin during interphase?

COPIED & GIL, CONDENSE JOIN TO DUPLICATE

What are chromosomes?

What is the term that describes the two halves of the duplicated genetic material in a chromosome? Compare the genetic material in these two halves.

SISTER CHROMATIDS → IDENTICAL

How many cells are there after mitosis?

1

How many cells are there after cytokinesis?

2