

“The Cell Cycle and Mitosis Guided Notes”

Stages of the Cell Cycle

Describe the properties for each stage of the cell cycle

G0	G1	S
G2	M	Interphase

“Mitosis”

1. _____ is the process by which an identical copy of a cell is made.
2. Before mitosis occurs _____ happens first so that both the old and new cells have a complete and identical set of chromosomes.
3. In somatic cells, the chromosomes come in _____ while in reproductive cells, sperm and egg, the chromosomes are not _____ rather gametes have _____ the number of chromosomes as somatic cells.

Mitosis Vocabulary

- >Chromosomes--
- >Mitosis--
- >Somatic Cell –
- >Gamete--

Function of Mitosis

1. Mitosis is carried out so that multicellular organisms can...
2. In single celled organisms mitosis is carried out to...

STAGES OF CELL DIVISION	SKETCH	DESCRIPTION OF VISIBLE CELLULAR STRUCTURES
INTERPHASE		
PROPHASE		
METAPHASE		
ANAPHASE		
TELOPHASE		