

Glossary of Terms: Mitosis

1. Define Mitosis:
2. Complete the following table on “The Cell Cycle”

Term	Definition
Cell Cycle	
Cell plate	
Centrioles	
Centromere	
Chromatin	
Chromatids	
Daughter cell	
Chromosomes	
Spindle fibres	
Cytokinesis	

3. Explain ‘Replication’
4. Draw a chromosome and label the parts.
5. Why must the nuclear membrane breakdown in mitosis?
6. What cell part controls the process of mitosis?
7. Which phase of mitosis takes the longest? Why?
8. Why is it necessary that the cell copies its DNA?