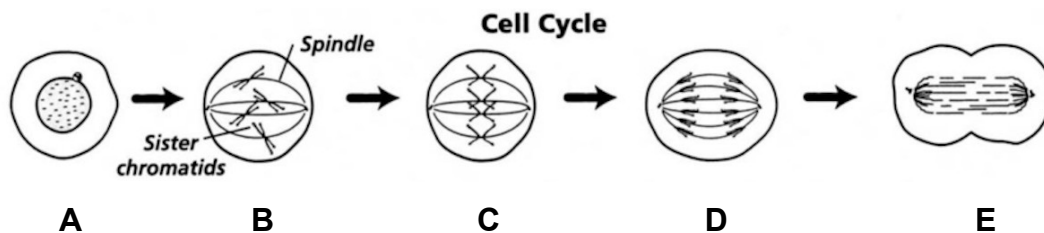


ST ANDREW'S SECONDARY SCHOOL
Secondary 4 Biology (6093)

Chapter 16: Cell Division
AFL 1 – Mitosis Diagram Identification

Name: _____ () Class: _____ Date: _____

- 1 The diagram below shows 5 stages of the cell cycle labelled **A – E**.



- a) Use the letters **A – E** to answer the following questions.

Activity	Stage (A – E)
Chromosomes move to the middle of the spindle.	
Sister chromatids separate.	
Nuclear envelope disintegrates.	
Chromosomes first become visible.	
Cell spends the longest period of time in this stage.	
Cell growth occurs.	
Nuclear division occurs.	
DNA replication occurs.	
Centrioles divide.	
Amount of genetic material doubles.	
Number of chromosomes doubles.	
Cytoplasm divides immediately after this stage.	
After this stage, amount of genetic material per nucleus halves.	
Mitochondria and other organelles are made.	
Spindle fibers disintegrate.	
Nuclear envelope forms.	

- b) Name stages **A – E**.
