

"I CAN..." Review Sheet:

For # 1-3 use the following: Prophase (P), Telophase (T), Anaphase (A), Metaphase (M), Interphase (I), Cytokinesis (C)

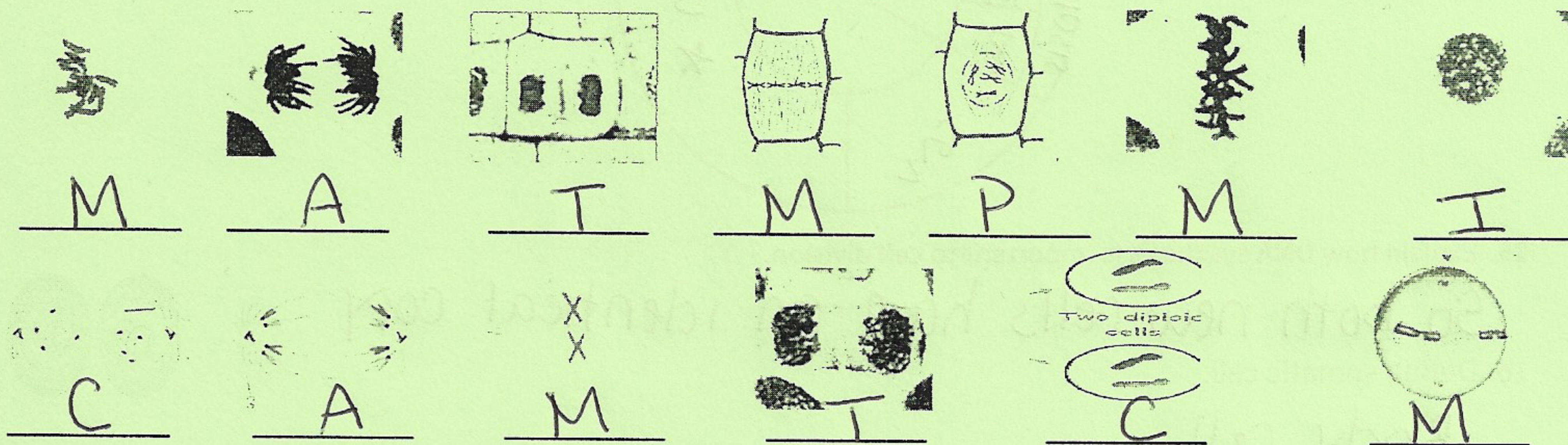
1. List the stages of interphase in order.

G₁, S, G₂

2. List the stages of mitosis in order.

PMAT

3. Identify the stages of the cell cycle in the images below:



4. Define cell cycle.

Preparation & division of cell (body cell)

5. Define interphase.

Preparation for division

6. Define mitosis.

Cell division

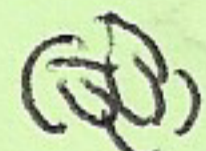
7. Define cytokinesis.

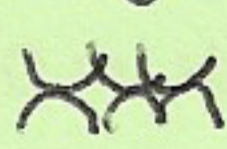
Cytoplasm / cell divided


8. Explain what happens during the 3 stages of interphase:


G₁ - Growth (G₀) S - DNA Replicates G₂ - Needed materials made

9. Describe how the chromosomes are positioned during -

Prophase Visible as rod shapes 

Metaphase lined up in middle 

Anaphase moving to poles 

Telophase at poles 

10. Explain what happens during cytokinesis.

Cell splits into two

11. Define DNA synthesis.

DNA Replicate making two new DNA

12. Describe the final product of DNA synthesis.

2 identical DNA strands