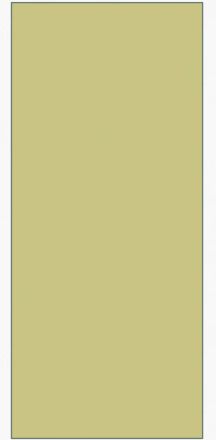


# MITOSIS



# MITOSIS STAGES

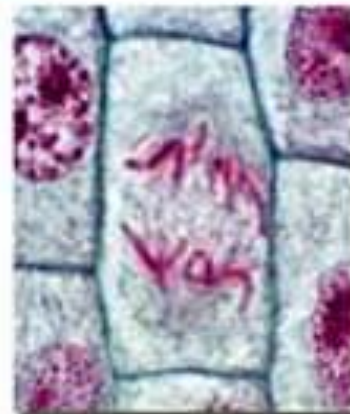
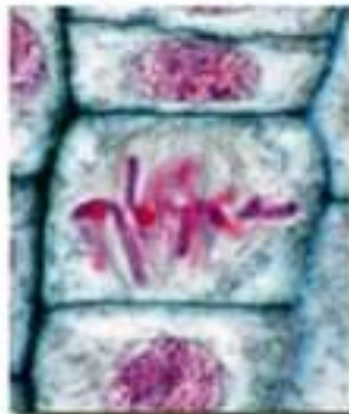
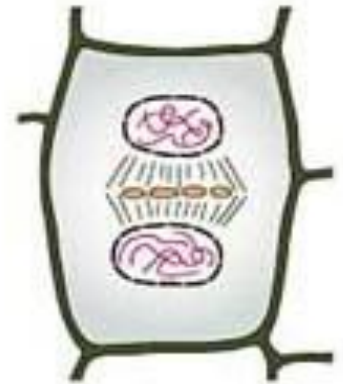
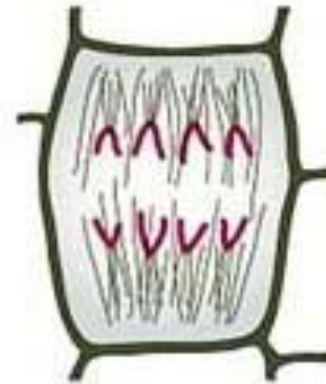
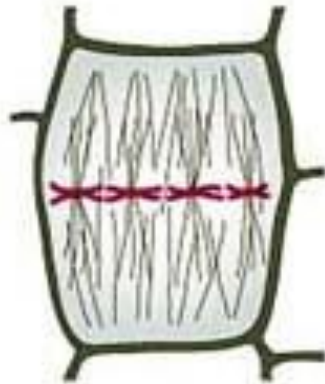
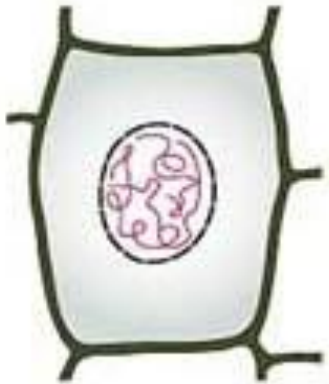
Interphase

Prophase

Metaphase

Anaphase

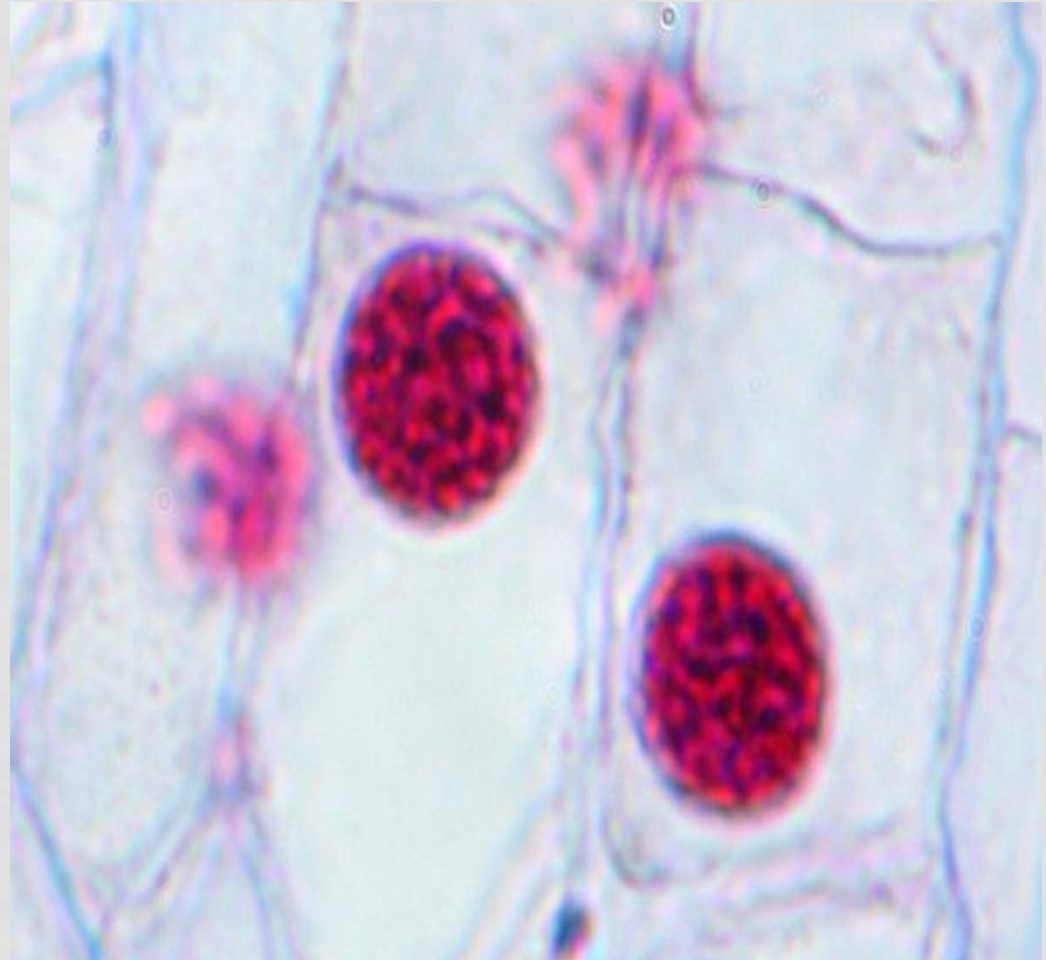
Telophase



# STAGES OF MITOSIS

## Interphase –

- A cell performs its normal cell functions, grows, and prepares for cell division



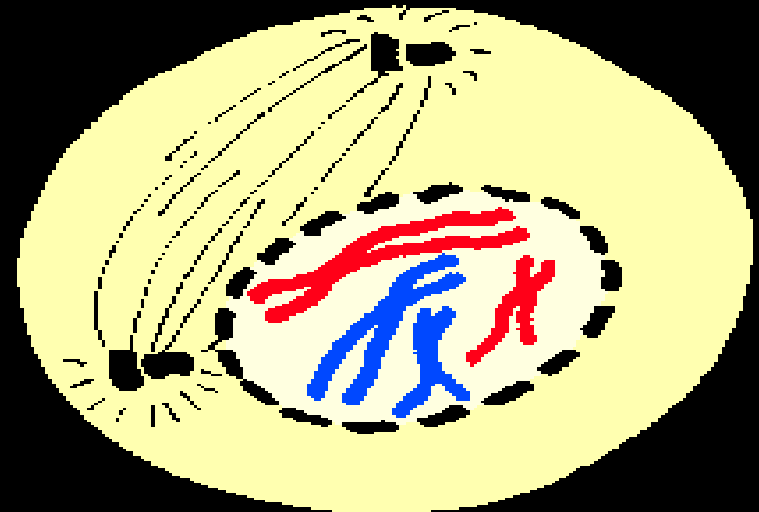
# STAGES OF MITOSIS

## Prophase

- Duplicated chromosomes condense and shorten. Nuclear membrane begins to disappear. Spindles start to form.



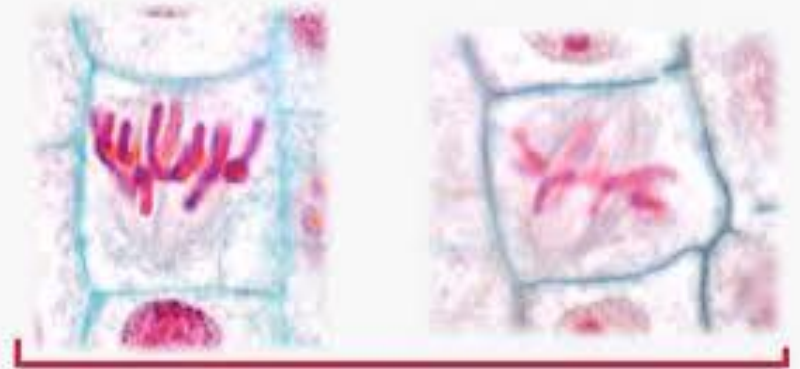
Prophase



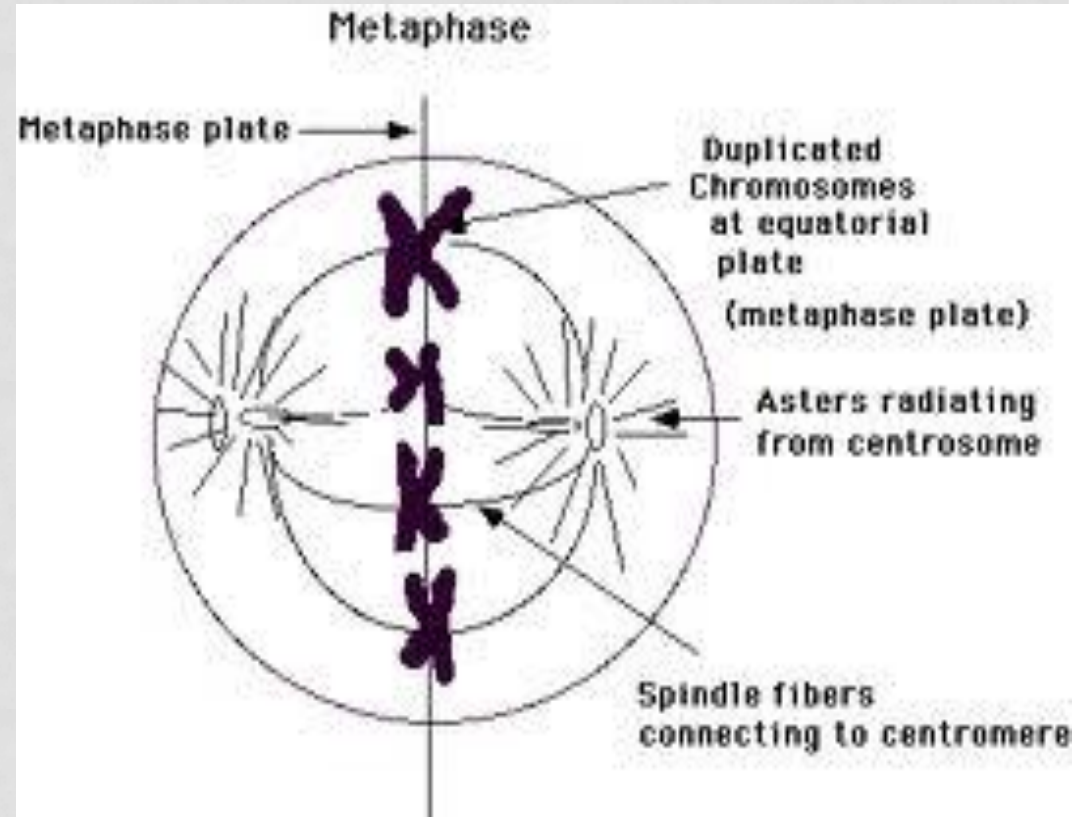
# STAGES OF MITOSIS

## Metaphase

- Doubled chromosomes line up mid cell on spindle fibres. The nuclear membrane disappears.

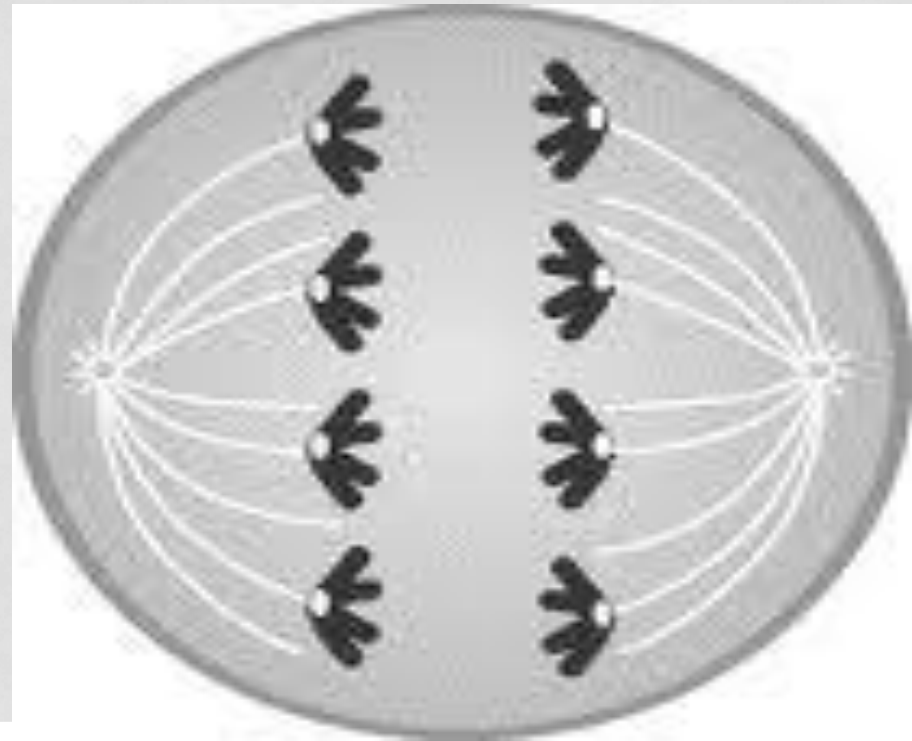
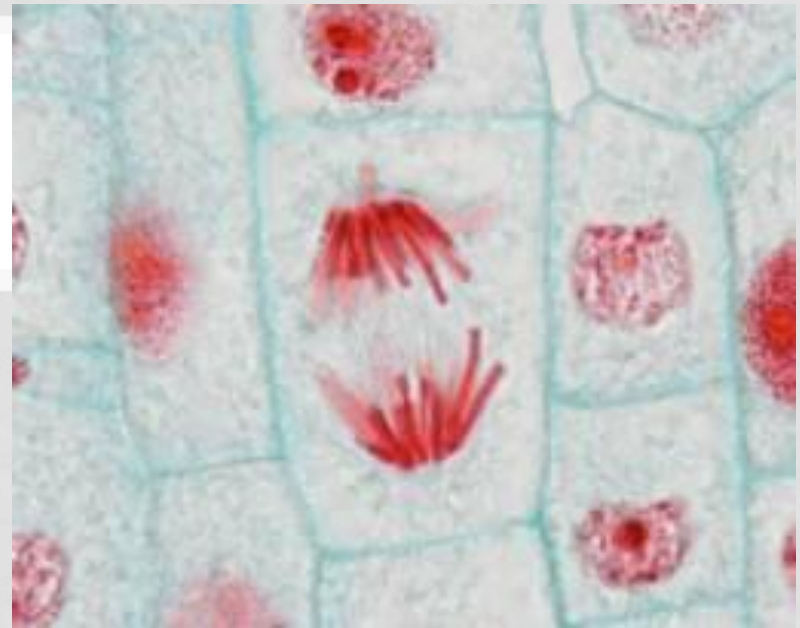


Metaphase



# STAGES OF MITOSIS

- **Anaphase**
- Chromosomes separate and begin to move to opposite ends of the cell along the spindle fibres. The 2 sets of chromosomes are identical with the same genetic information.



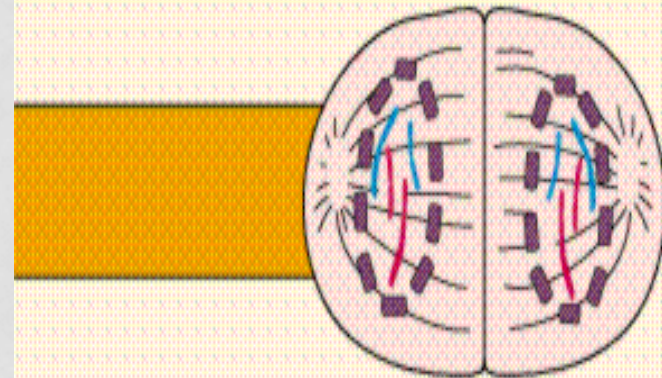
# STAGES OF MITOSIS

## Telophase

- Chromosomes are at opposite ends and begin to lengthen, spindles fade, nuclear membrane forms creating 2 nuclei.
- Chromosomes are no longer visible with microscope.
- New cell wall begins to form mid cell.

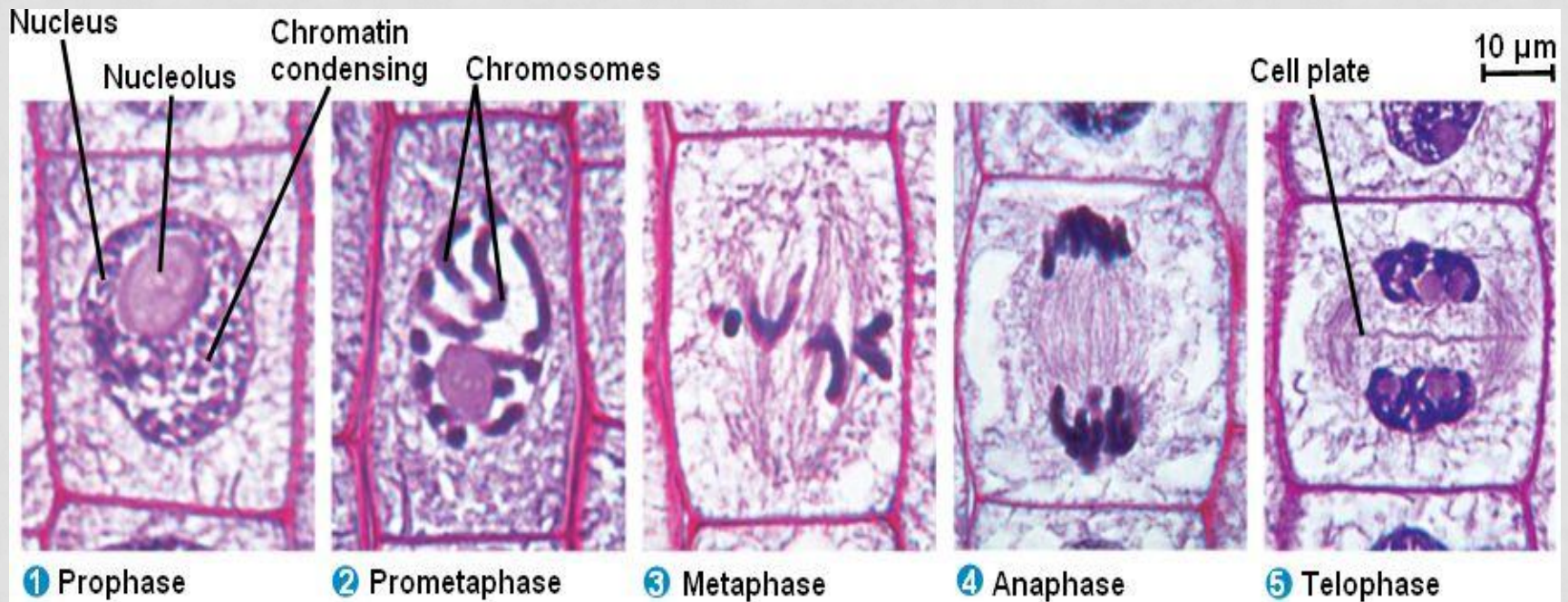


Telophase



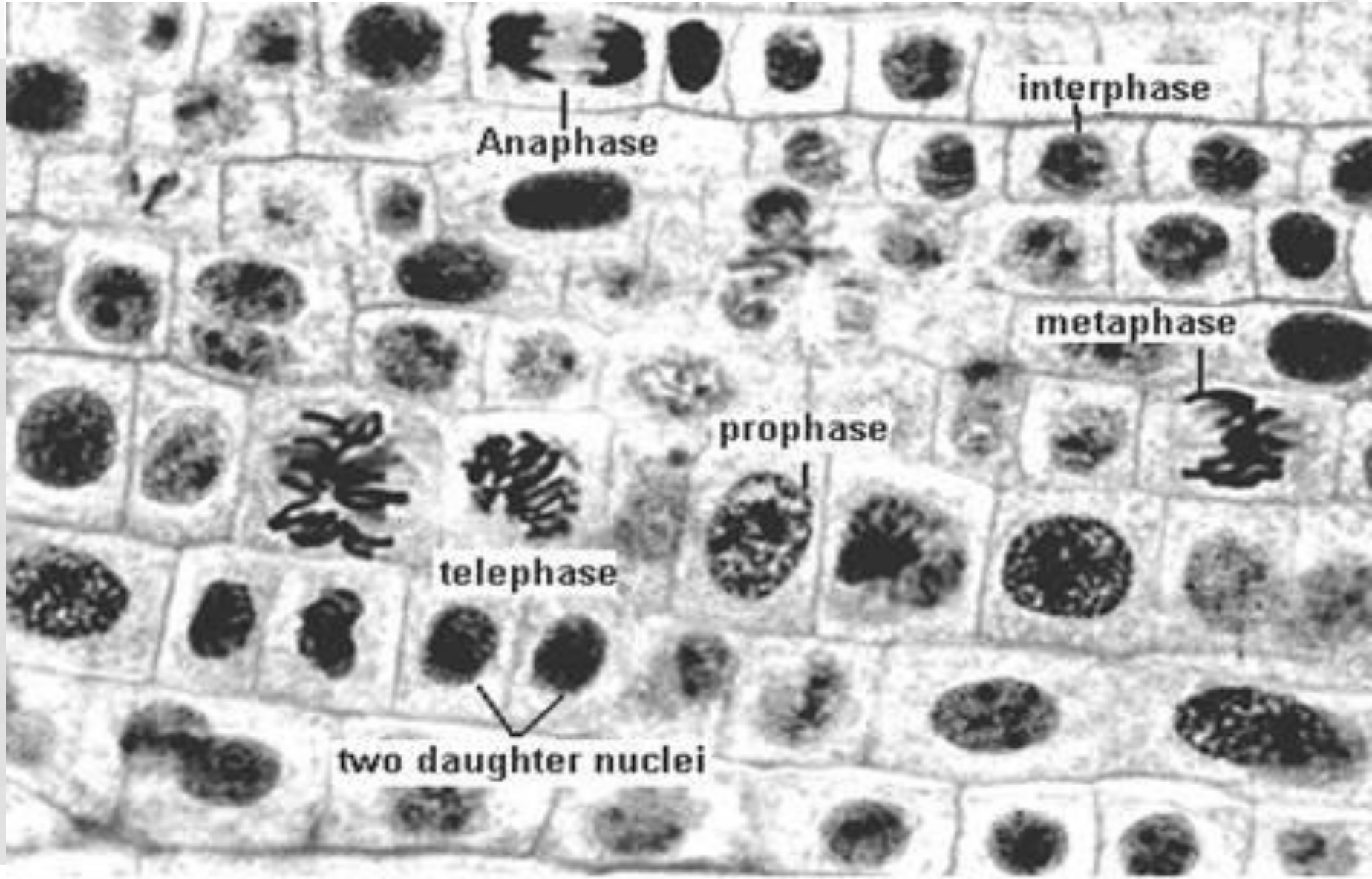
The separating chromosomes reach the poles. Telophase passes into the next interphase as the nuclear envelopes and nucleoli re-form and the chromatin becomes diffuse

# PHASES OF MITOSOS

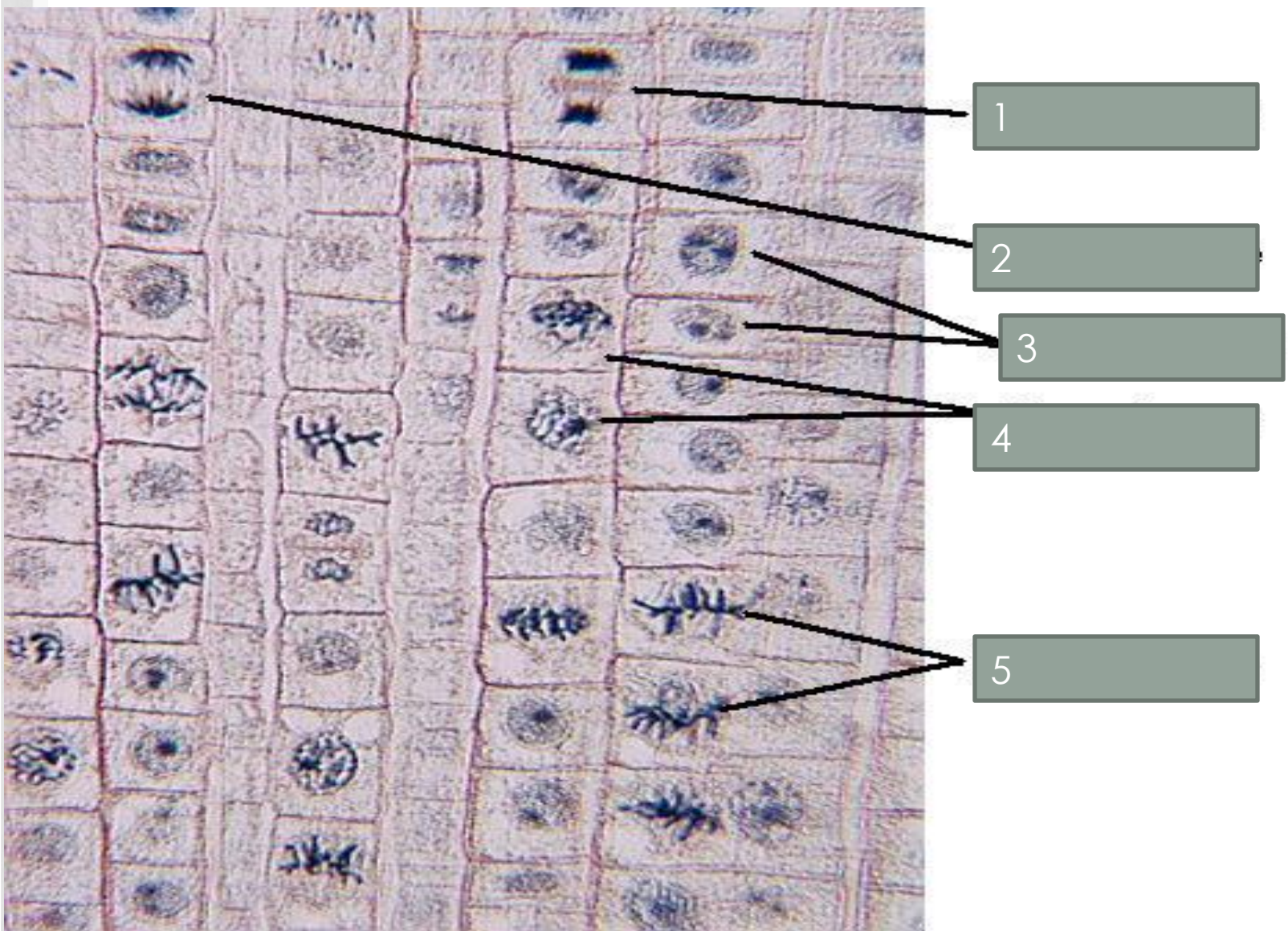




# PRACTICE MITOSIS SLIDE #1



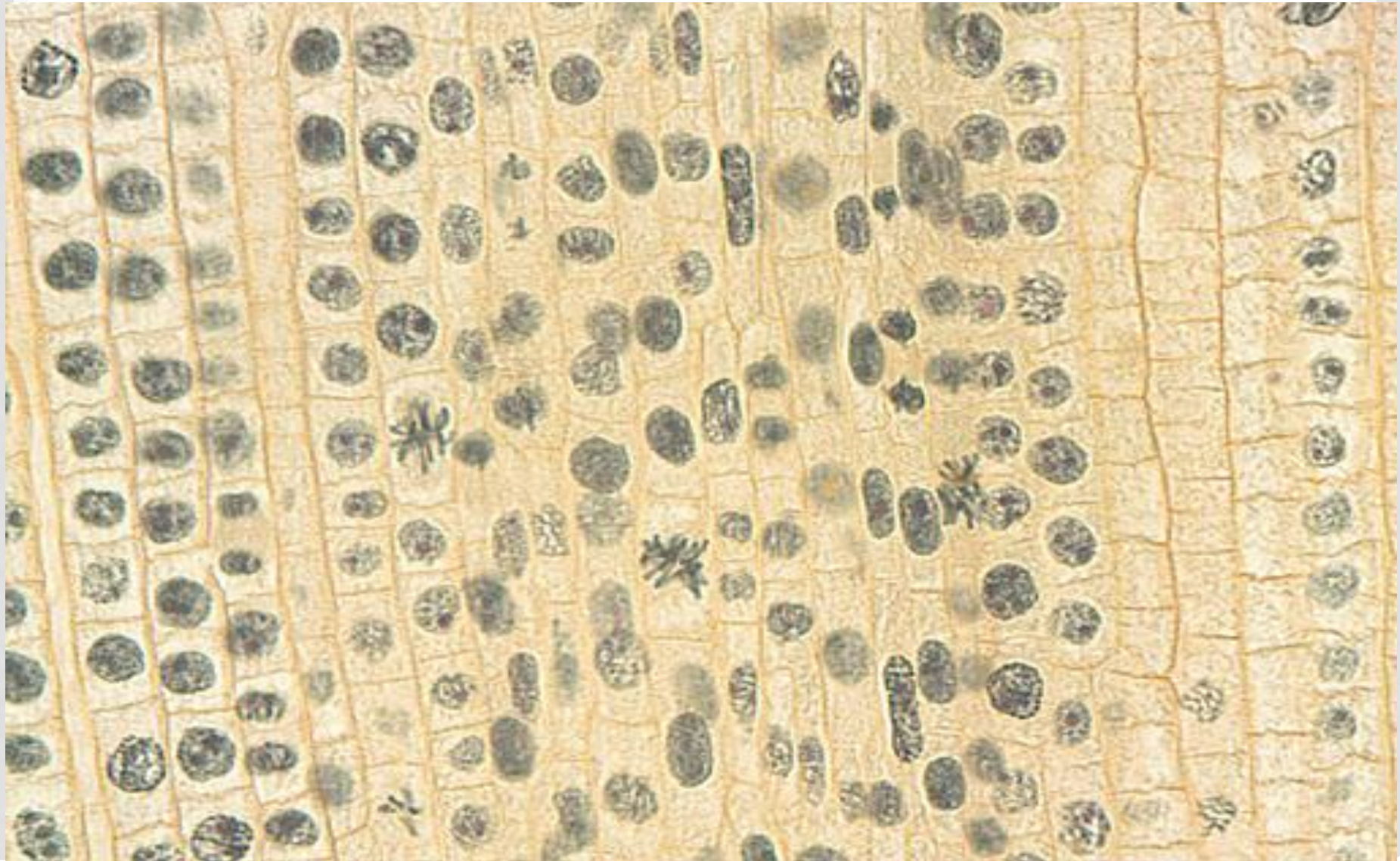
# PRACTICE SLIDE 2



# MAKE THIS CHART IN YOUR BOOK

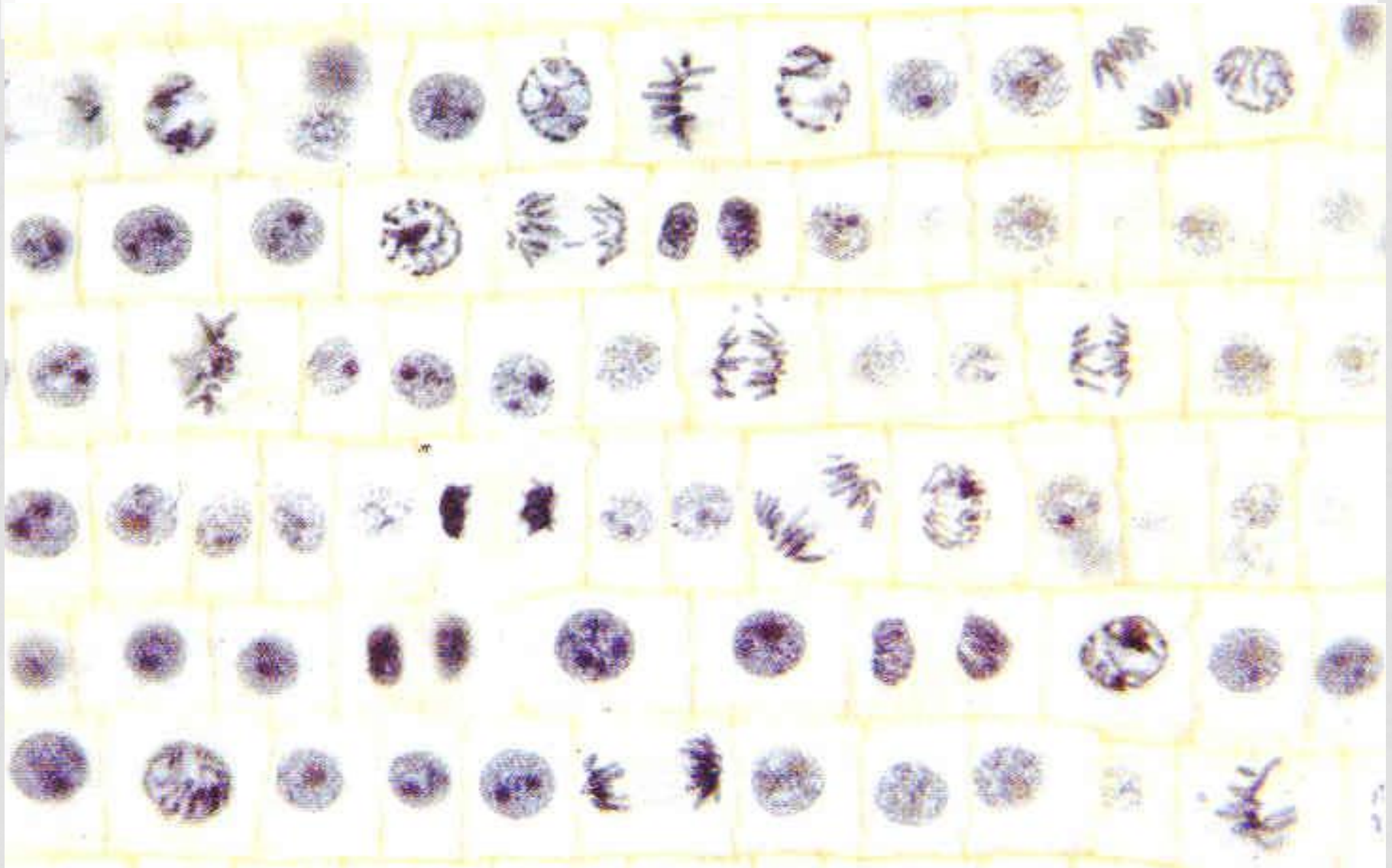
• Phase	# of cells	% in each stage
• Prophase		
• Metaphase		
• Anaphase		
• Telophase		
• Interphase		
• totals		

# PRACTICE SLIDE 3 - COUNT CELLS IN EACH PHASE AND RECORD IN YOUR CHART

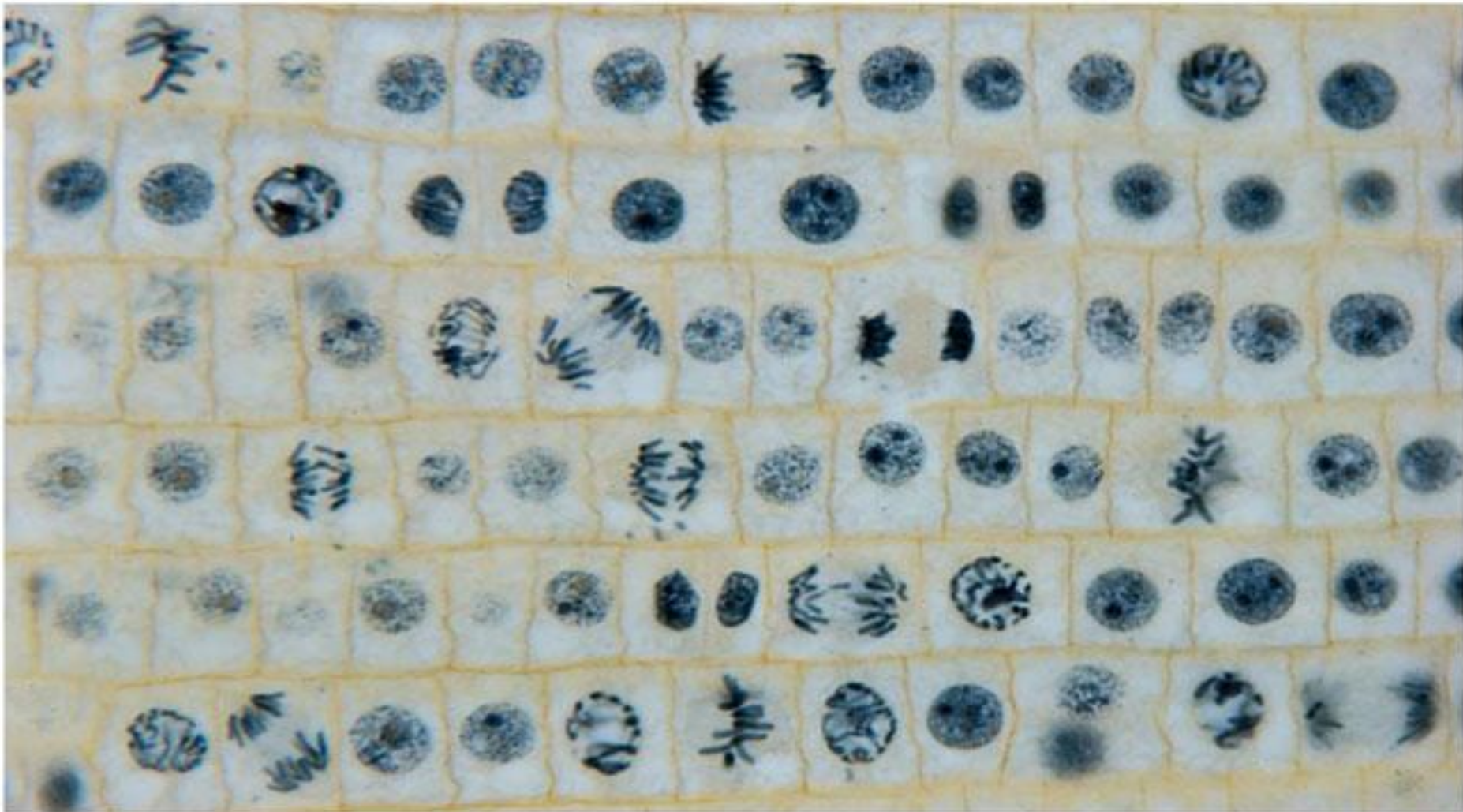


# LAB SAMPLE 1

FIRST ONE TO GO IN YOUR LAB



# LAB SAMPLE 2

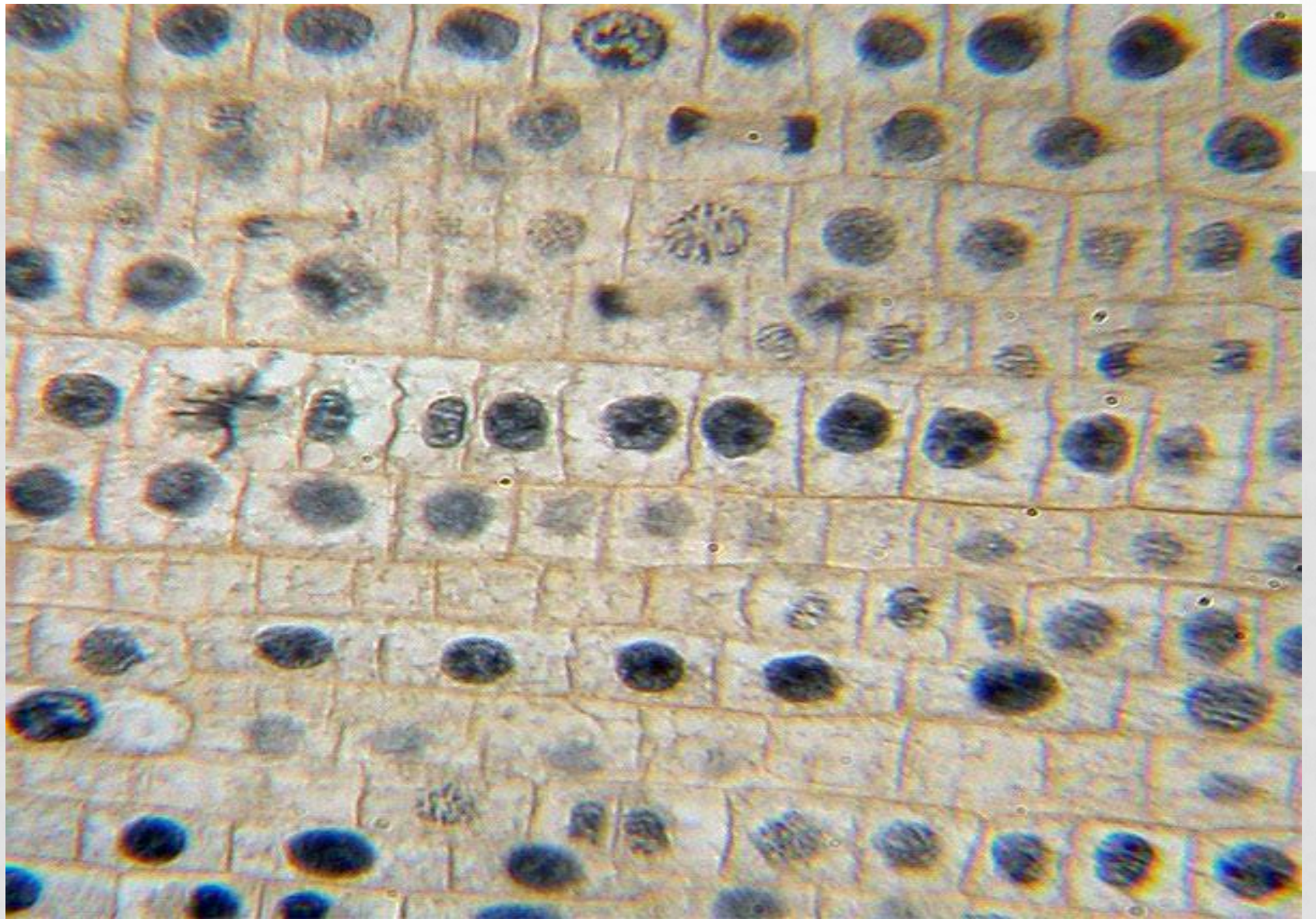


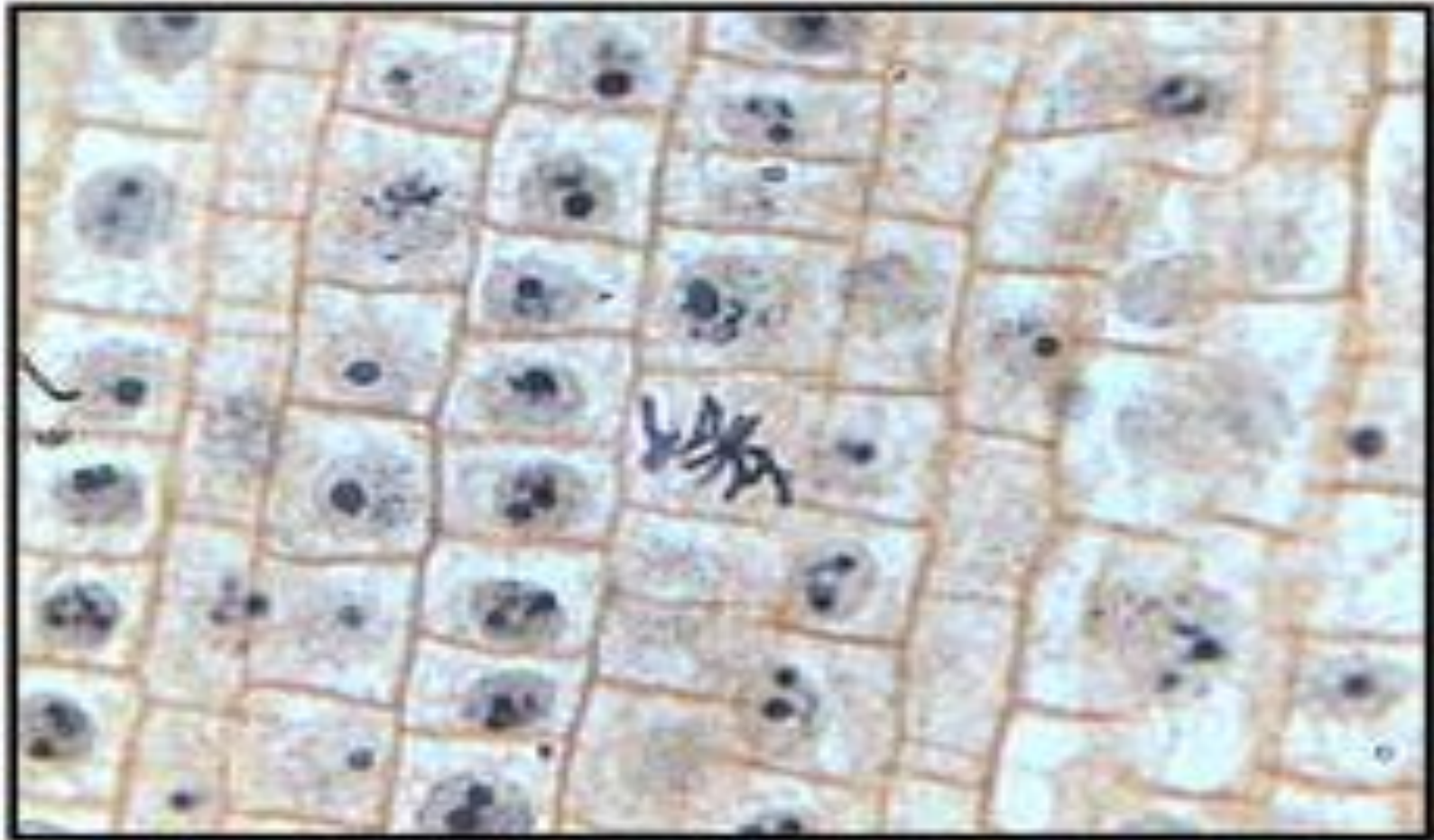
# LAB SAMPLE 3

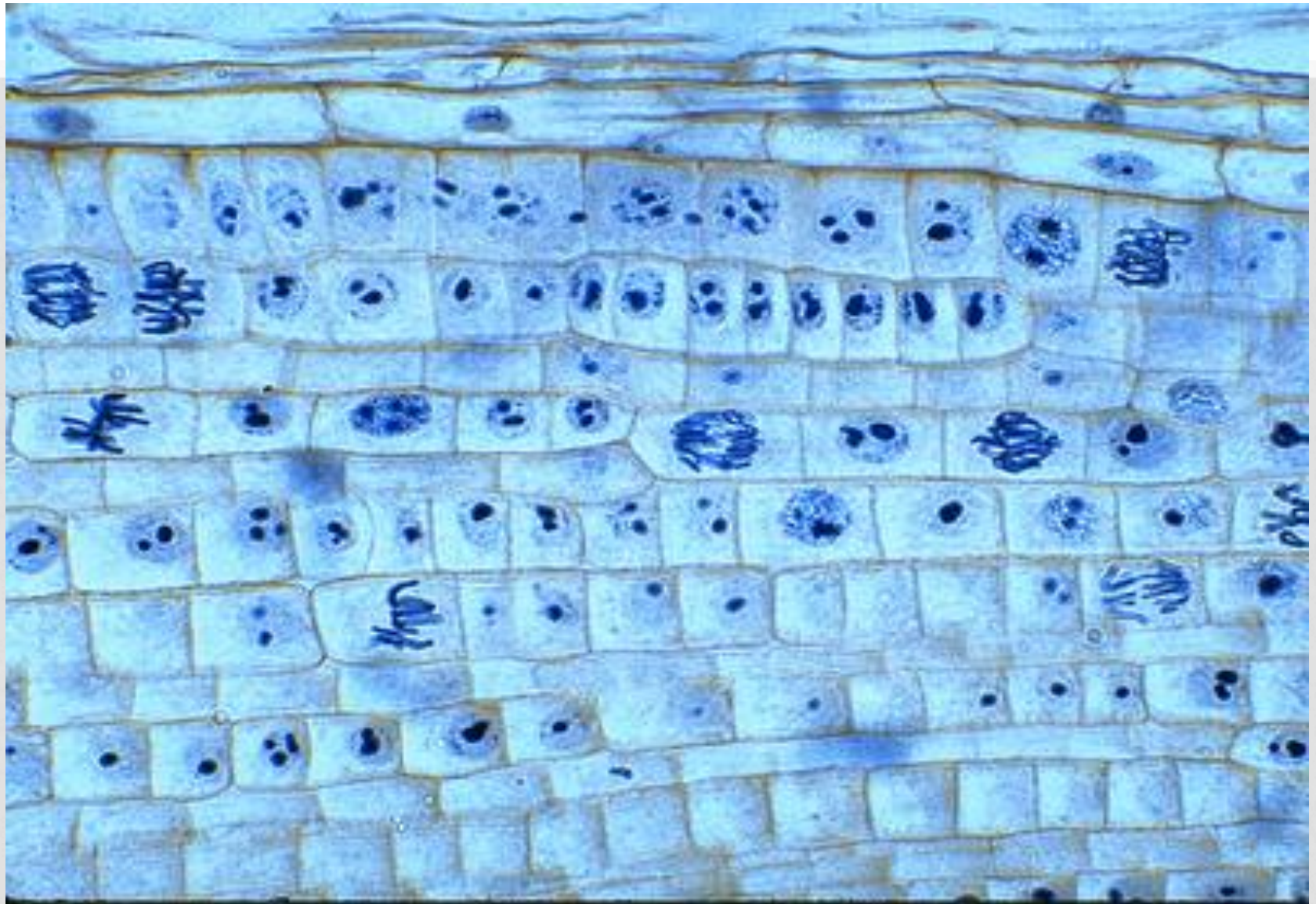


THE END

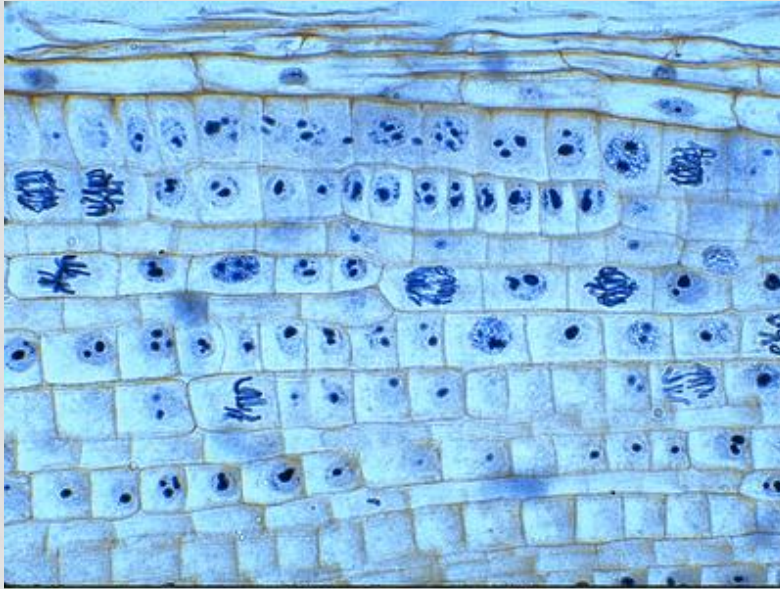


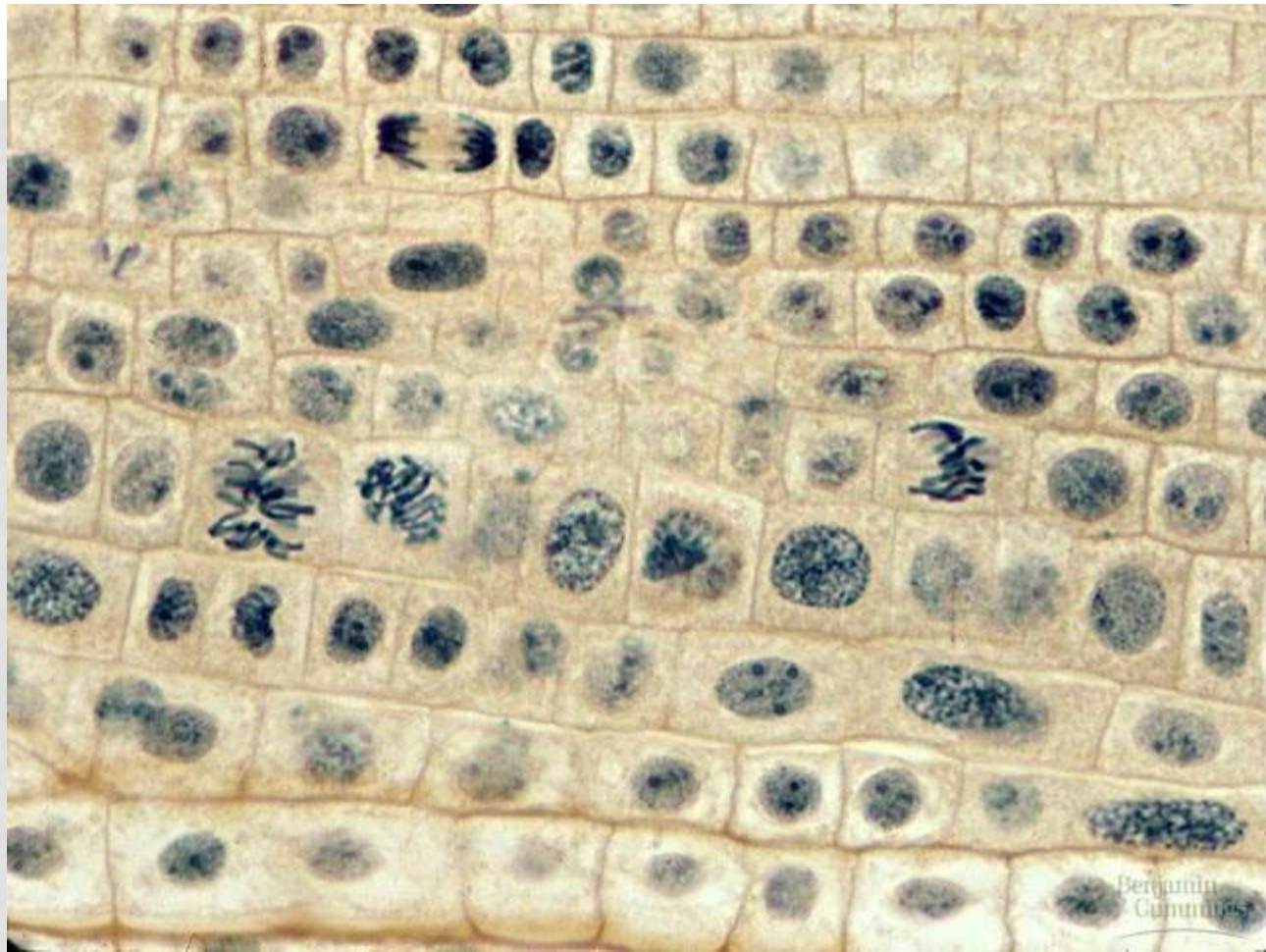


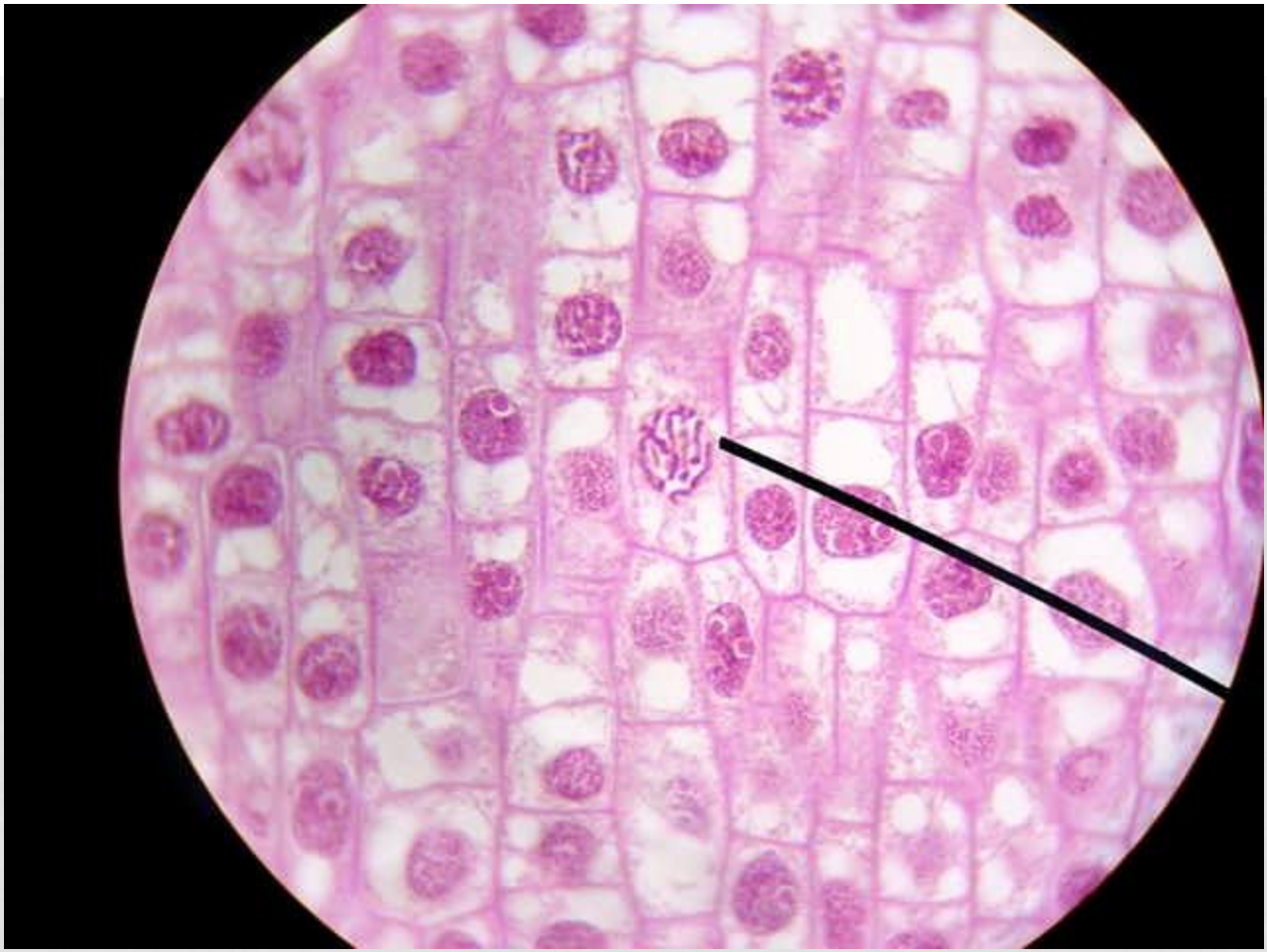


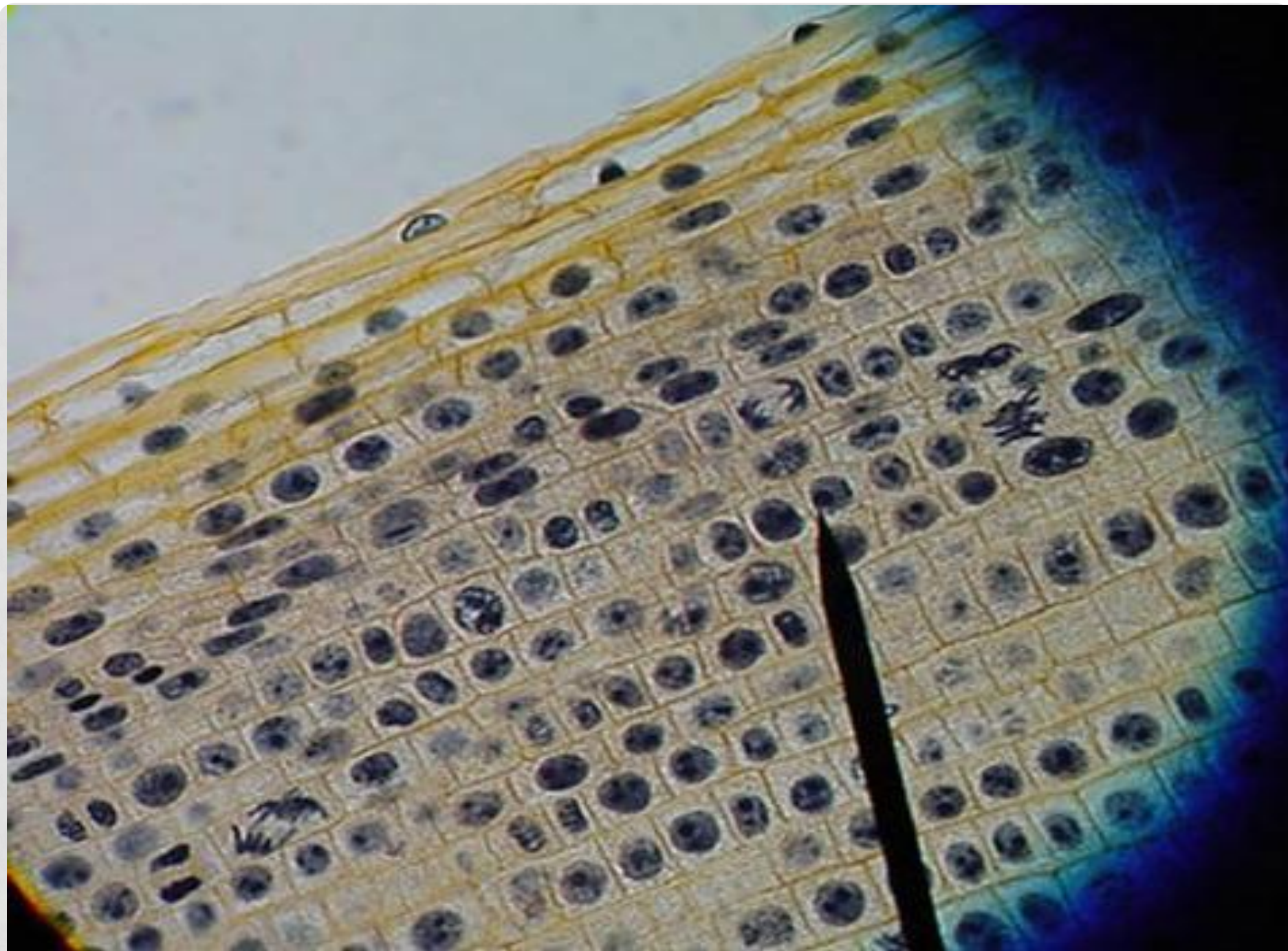


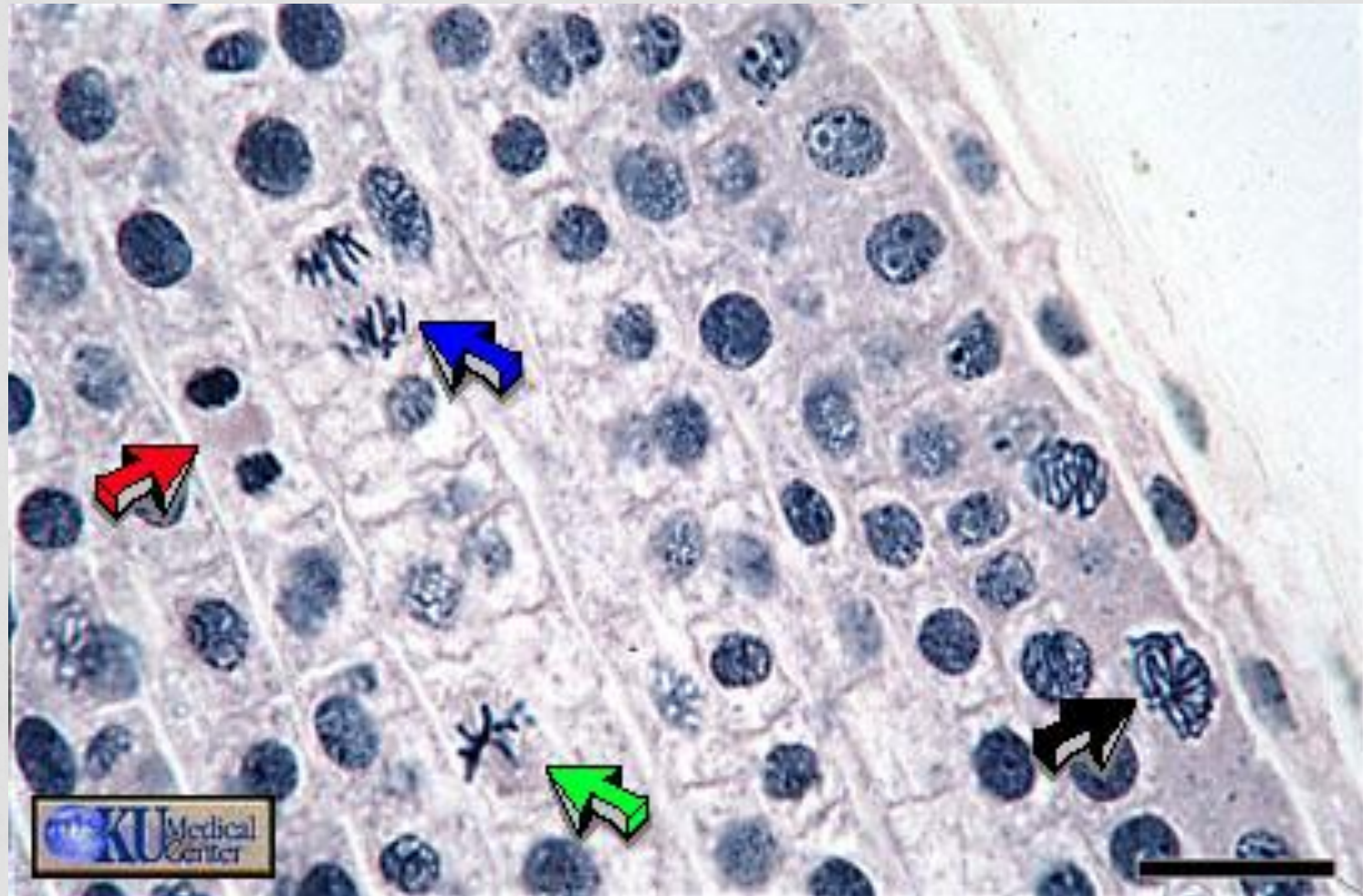
# PRACTICE SLIDE 4



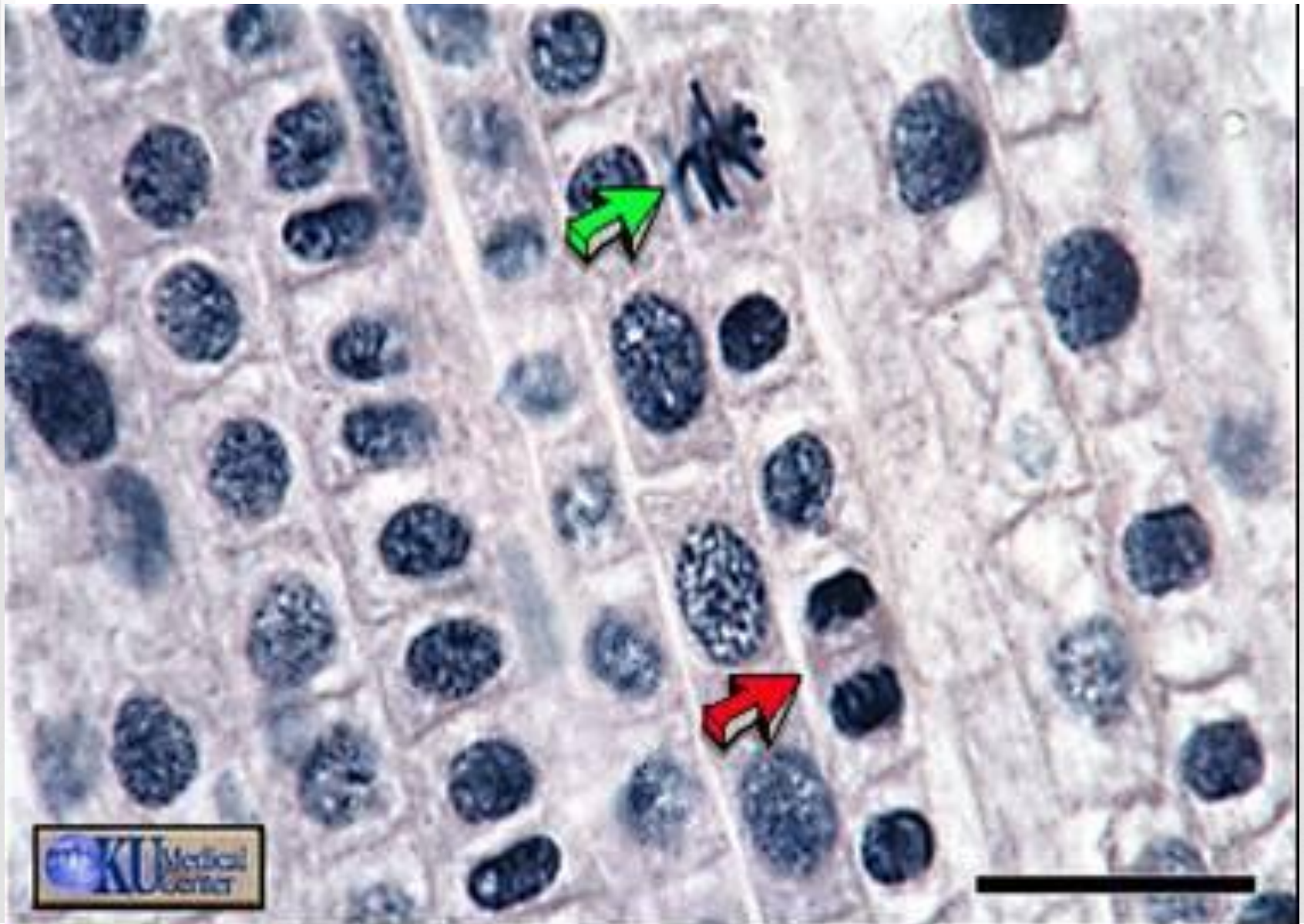


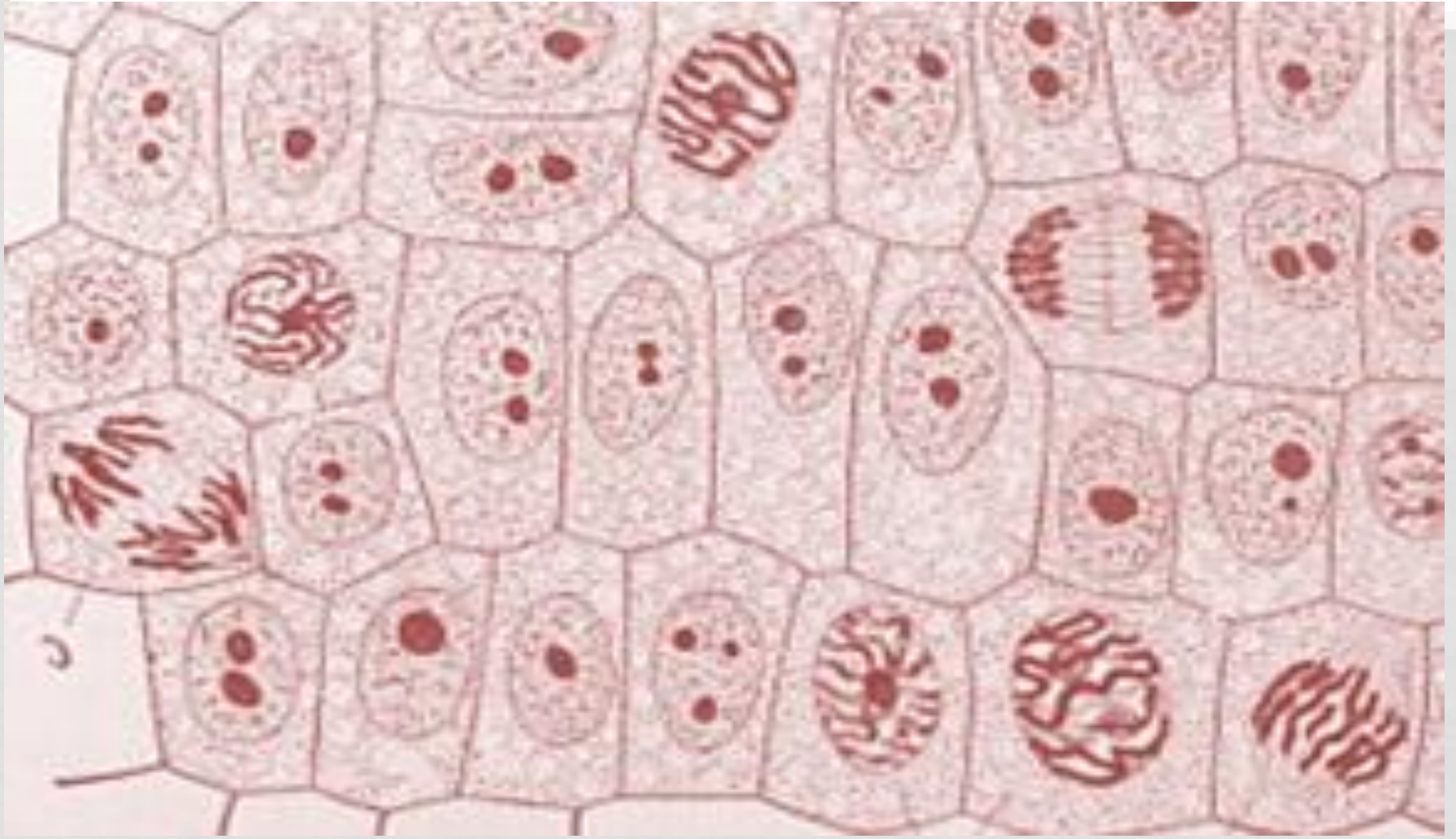


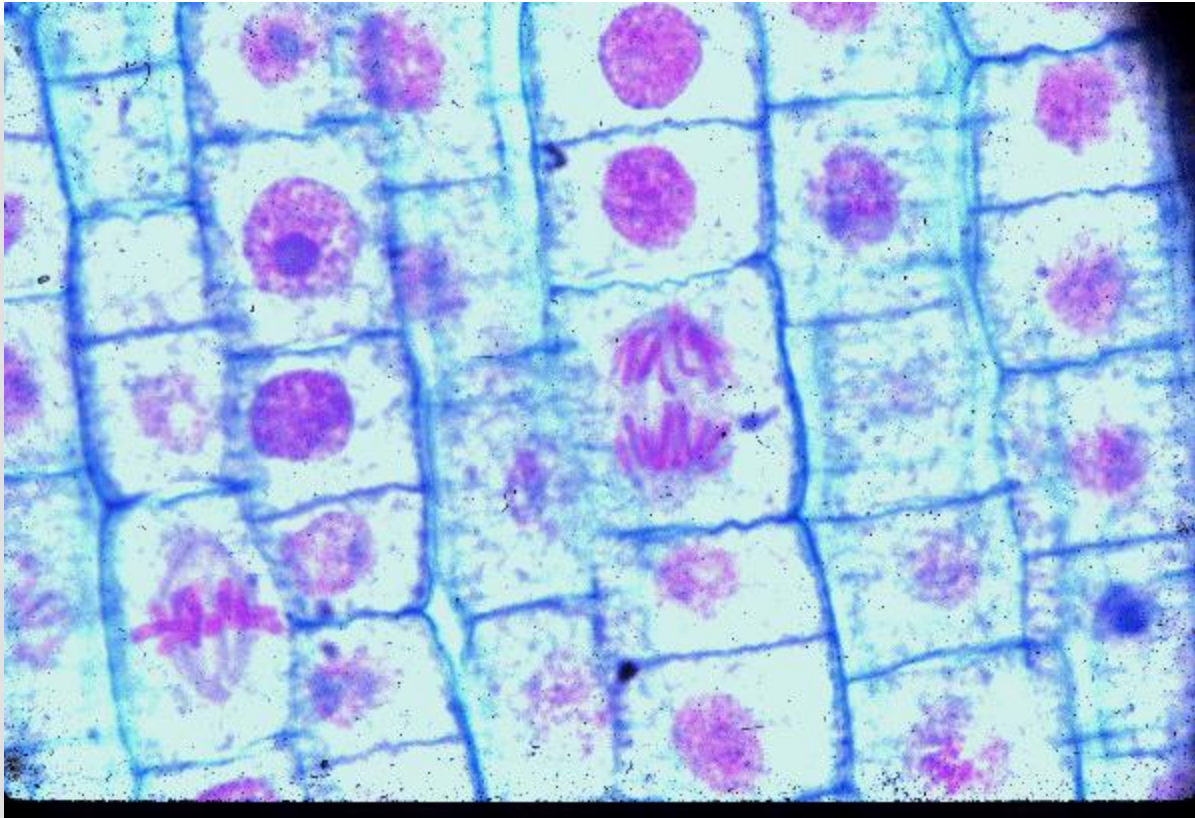


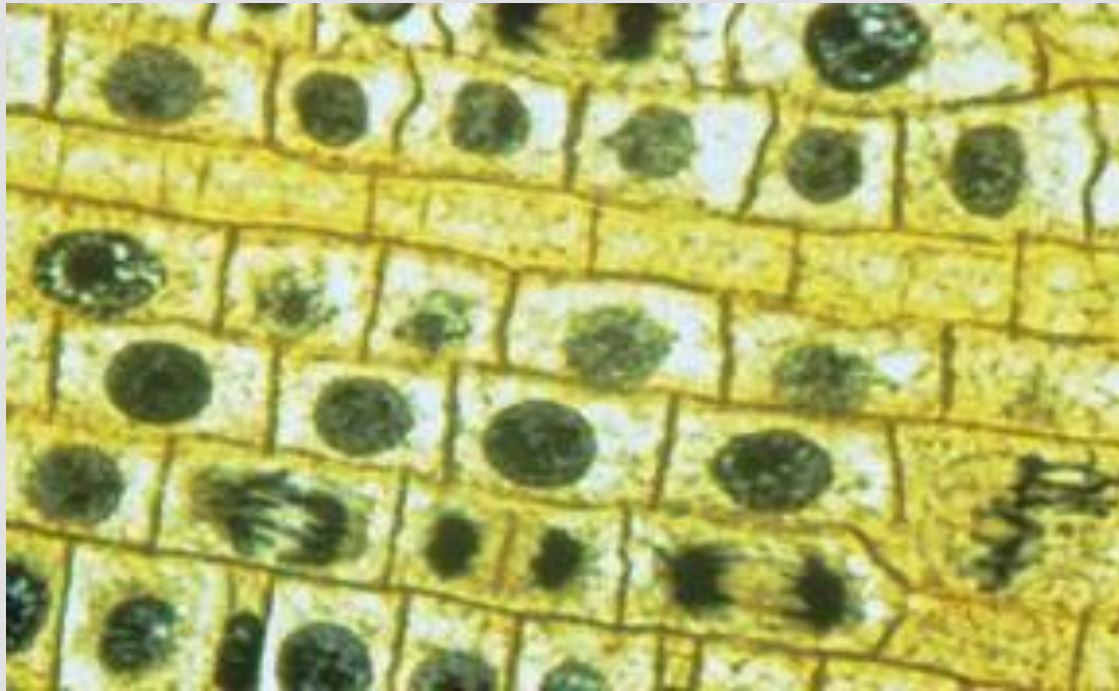


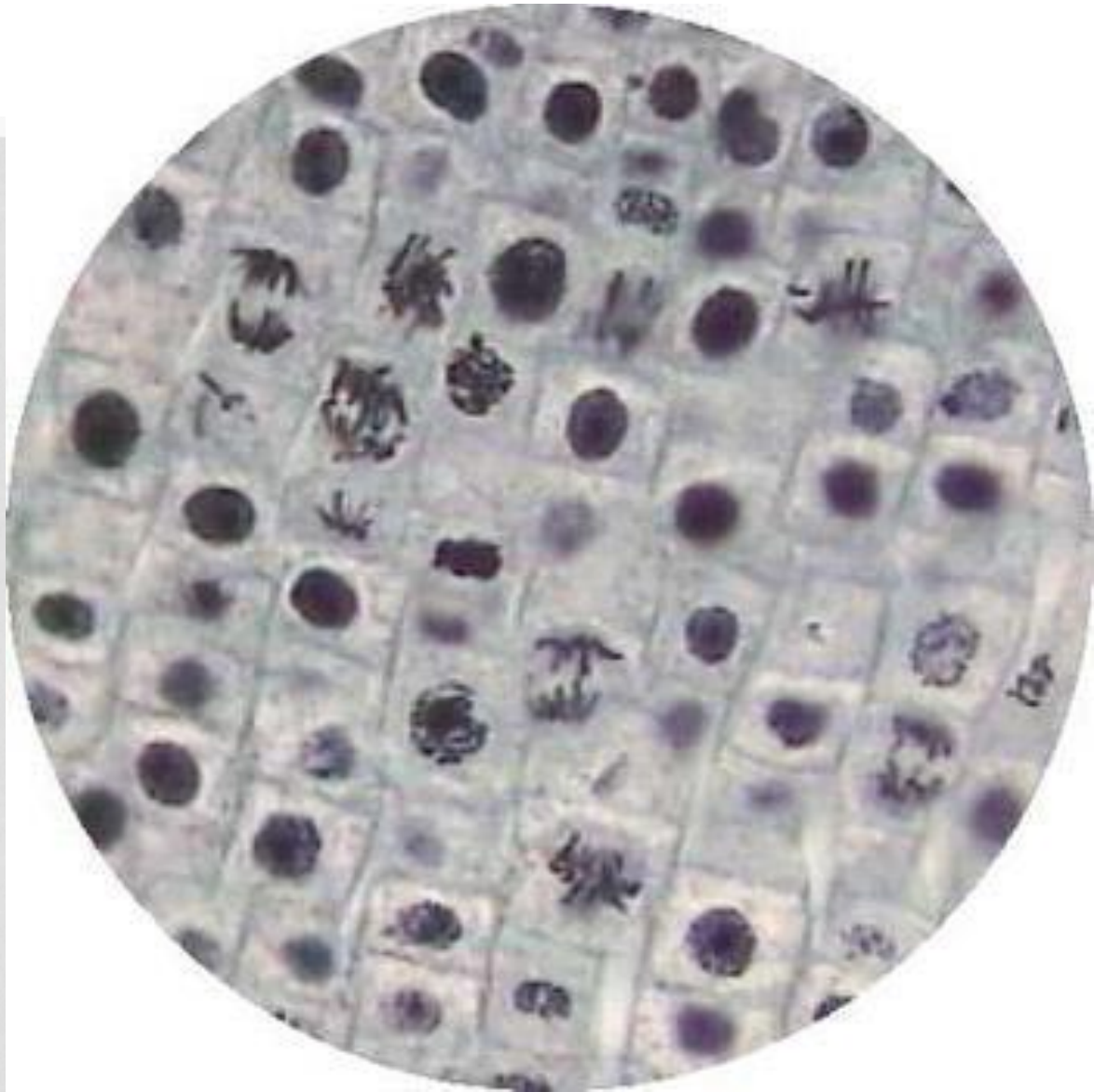


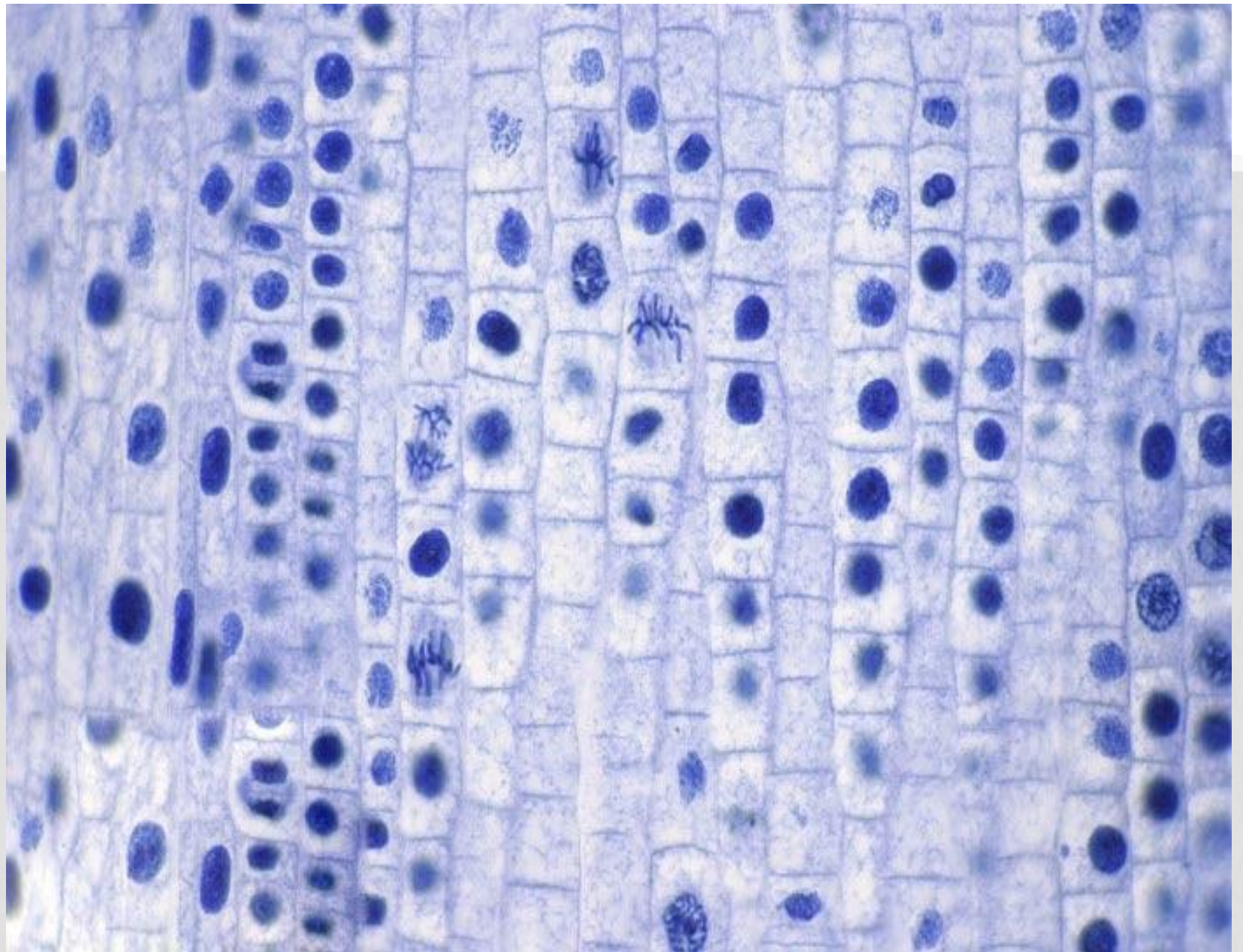


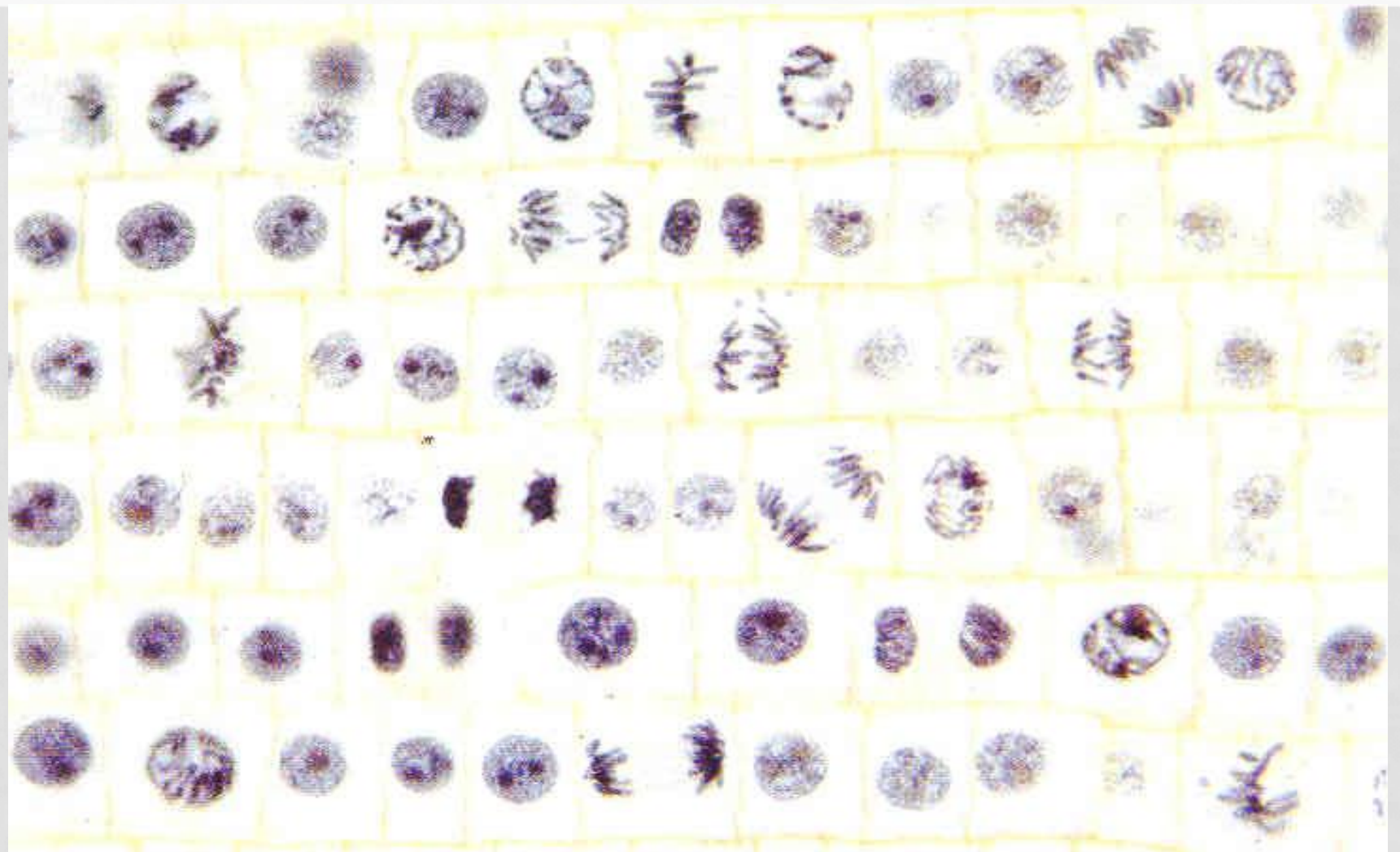












# LAB SAMPLE 2

