

Stages of mitosis

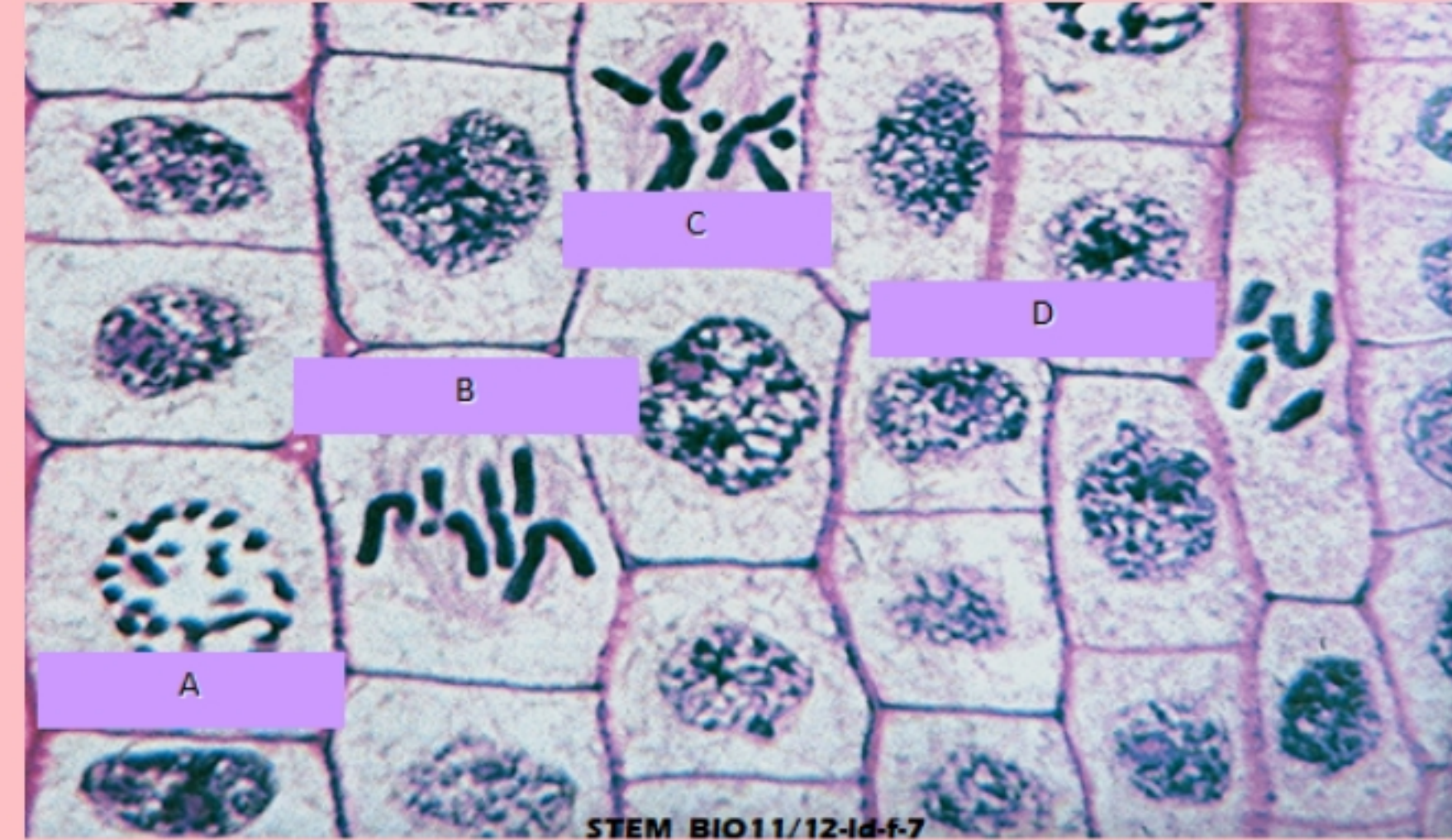


INTERPHASE EARLY PROPHASE MID PROPHASE



METAPHASE ANAPHASE TELOPHASE

- Prophase- the process that separates the duplicated genetic material carried in the nucleus of a parent cell into two identical daughter cells
- Early prophase-The mitotic spindle starts to form the chromosomes start to condense, and the nucleolus disappears.
- Mid-prophase - the chromatin threads are now condensed enough to be distinguished as individual chromosomes.
- Metaphase is the third phase of mitosis, the process that separates duplicated genetic material carried in the nucleus of a parent cell into two identical daughter cells.
- Anaphase is the fourth phase of mitosis, the process that separates the duplicated genetic material carried in the nucleus of a parent cell into two identical daughter cells.
- Telophase is the fifth and final phase of mitosis, the process that separates the duplicated genetic material carried in the nucleus of a parent cell into two identical daughter cells.



A. Prophase

B. Metaphase

C. Anaphase

D. Telophase

