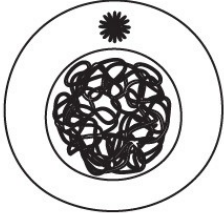


MITOSIS SEQUENCING

Name:

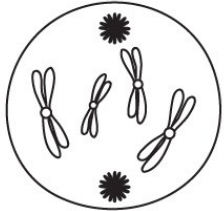
Date:

Describe each phase.



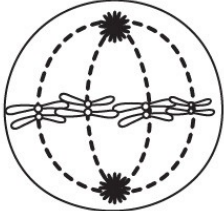
Interphase

The nucleolus and the nuclear envelope are distinct and the chromosomes are in the form of threadlike chromatin.



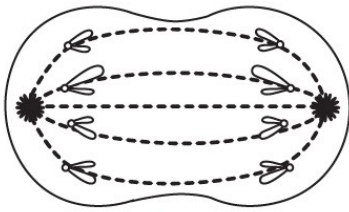
Prophase

The chromosomes appear condensed, and the nuclear envelope is not apparent.



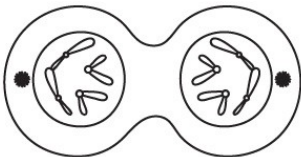
Metaphase

Thick, coiled chromosomes, each with two chromatids, are lined up on the metaphase plate.



Anaphase

The chromatids of each chromosome have separated and are moving toward the poles.



Telophase

The chromosomes are at the poles, and are becoming more diffuse. The nuclear envelope is reforming. The cytoplasm may be dividing



Cytokinesis

Division into two daughter cells is completed.