

## Cell Cycle Sequencing HW 2

Read pages 32 and 33 of your Science textbook to join the words on the left to its accurate description on the right.

metaphase

The nuclear membrane breaks down and DNA condenses and coils into chromosomes.

interphase

The chromosomes uncoil and two nuclear membranes appear.

prophase

The cell grows and develops, and the DNA and organelles duplicate.

telophase

The chromosomes split and move to opposite sides of the cell.

mitosis

Chromosomes line up down the middle of the cell.

anaphase

The cell membrane pinches inward and two cells are formed, each with their own set of chromosomes and organelles.

cytokinesis

It begins after interphase and has four basic phases .