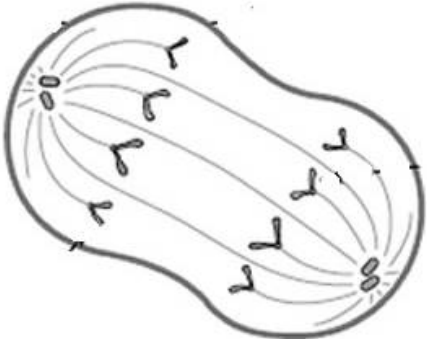
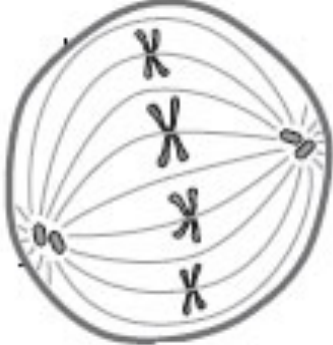
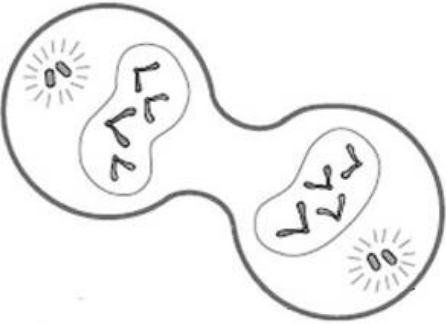




# Unscramble Mitosis

## Instructions:

1. Cut out the squares and put the phase names in the correct order starting with Interphase. Match each name with the correct definition and picture. Glue them down onto another piece of paper. (12)
2. Label the following: centrioles, chromosomes, sister chromatids, spindle fibers (4)
3. Indicate where mitosis starts and where mitosis ends. (2)

Phase Names	Definition of Phase	Picture
<b>Anaphase</b>	The chromosomes relax and appear as chromatin (thread-like). A membrane forms around each region of chromosomes forming two new nuclei and the spindle fibers disappear.	
<b>Interphase</b>	The sister chromatids are pulled by spindle fibers to line up across the middle of the cell.	
<b>Telophase</b>	The cell grows to its mature size and chromosomes are copied.	

<p><b>Metaphase</b></p>	<p>The sister chromatids pull apart and move to opposite ends of the cell.</p>	
<p><b>Cytokinesis</b></p>	<p>The nuclear membrane is breaking down and spindle fibers form between centrioles that are moving to each ends of the cell.</p>	
<p><b>Prophase</b></p>	<p>The cell membrane pinches in around the middle of the cell. Each daughter cell ends up with the same number of identical chromosomes.</p>	