Animal Cell Mitosis

To grow, animal cells go through the process of cell division. This is also called mitosis.

Interphase is the stage, before cell division or mitosis. DNA and the centrosome are copied.

Prophase is the first stage of mitosis when the copied chromosomes condense. The nuclear envelope dissolves. The centrioles divide and move to opposite ends of the cell.

Metaphase is when the chromosomes line up in the centre of the cell.

Anaphase is when the chromosomes begin to separate.

Telophase is the last stage of mitosis when the chromosomes move to the opposite ends of the cell. Two new nuclear envelopes form and the chromosomes unfold.

Cytokinesis follows mitosis when the cytoplasm is divided and there are two daughter cells.