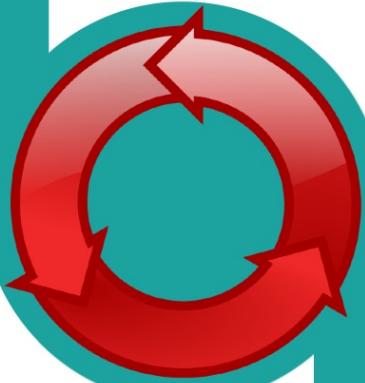


# Mitosis

## The Cell Cycle



By Osaed Khan

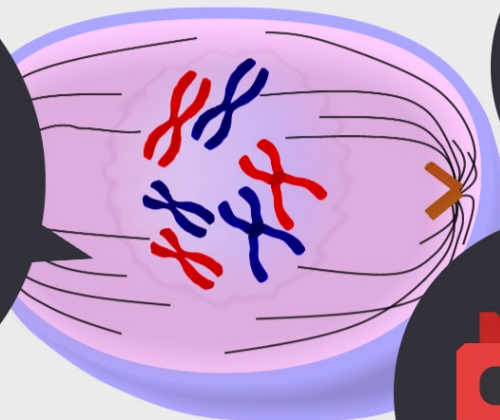


Mitosis is part of the cell cycle.



By Osaed Khan

Chromosomes and spindle fibres began to form and become visible



Stage 1:  
Prophase

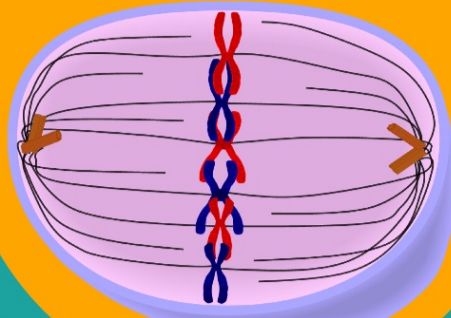


Chromosomes lineup along the midline



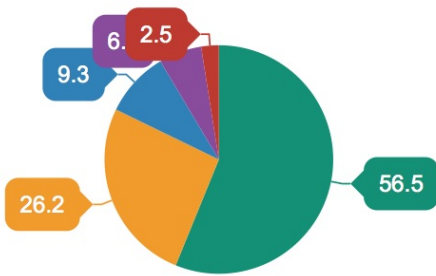


Stage 2: Metaphase



# Duplication

The big idea of mitosis is the simple duplication of cells and all its parts

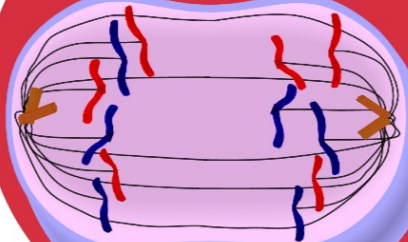


■ Interphase (before mitosis) (56%) 
 ■ Prophase (26%) 
 ■ Metaphase (9%) 
 ■ Anaphase (6%) 
 ■ Telophase (2%)

Percent of Cells in the Phases of Mitosis

Chromatids Split

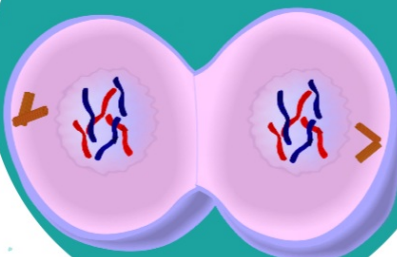
Stage 3: Anaphase



Cells split into two identical cells



Stage 4: Telophase



Cells divide differently in plants and animals





Next

# Cytokinesis

Sources:

<http://www.edupic.net/cells.htm>

<http://lexmiddle-heredity.wikispaces.com/file/view/Mitosis+Fast+Facts.pdf>