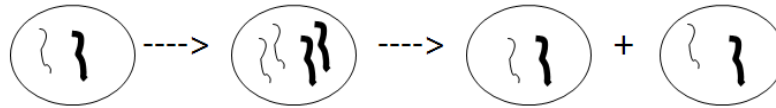


CELL DIVISION  
(mitosis)

- cell divides into 2 identical cells
- DNA makes a copy of itself (replication)
- chromosome pair splits in two  
(each new cell gets a **copy** of the original)

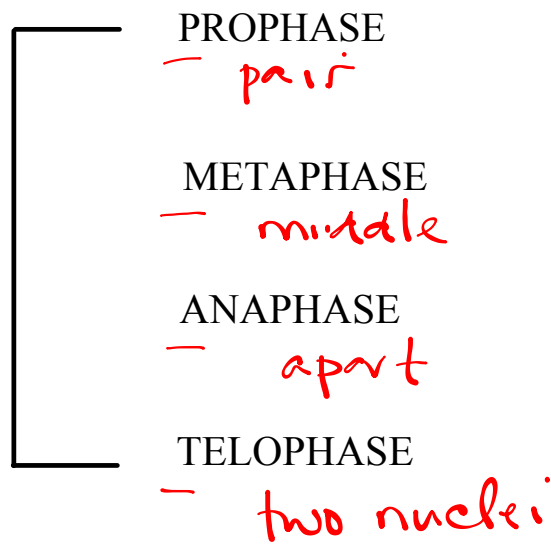


- chromosome number stays the **same** from parent to daughter cells
- increases the number of cells  
1 --> 2 --> 4 --> 8 --> 16
- single-celled organisms reproduce or increase population
- multi-celled organisms grow or replace damaged or dead cells

**INTERPHASE**

*grow ; copy DNA ; prep to ÷*

**MITOSIS**



CYTOKINESIS

*2 cells*