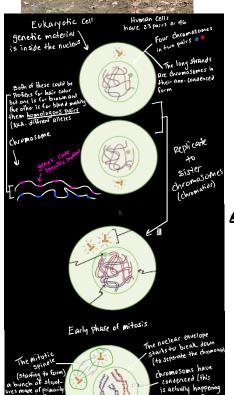


haploid-half made genetic (Axa: egg/sperm) material diploid - when the fuse (egg & sperm)

once fertilized the egg will begin to divid and replicate



you with trillions of Cells (30-40 trillion)



two daughter

Cells (from a previous

Found of mitosis)

dromatids

E sister cells two copy's of

daughter cells replicated

and connected at the center

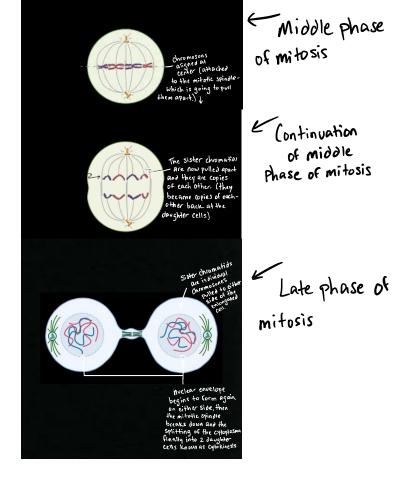
J.

Early phase of mitosis

mitosis will have them

seperate into individual

chromosome legals of each other)



Mitosis isn't only about growing an organism its also about repair for an organism.

Mitosis:

(My definition): mitosis is the process where cells are grown and maintained, through cell division.

(Dictionary definition): mi·to·sis | mīˈtōsəs | noun (plural mitoses | -sēz |) Biology

a type of cell division that results in two daughter cells each having the same number and kind of chromosomes as the parent nucleus, typical of ordinary tissue growth: the single large egg cell subdivides by repeated mitosis | [count noun] : each mitosis seems to be associated with an increase in calcium. Compare with meiosis.

Mitotic Spindle:

(My definition): the strings that grab and tear chromosomes apart

(Dictionary definition): The mitotic spindle is the macromolecular machine that segregates chromosomes to two daughter cells during mitosis. The major structural elements of the spindle are microtubule polymers, whose intrinsic polarity and dynamic properties are critical

