



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

Cell

Nuclear Membrane  
(envelope)

Spindle Fibers

Nucleus

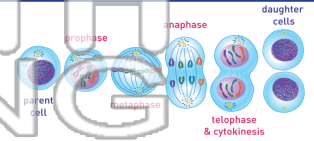
Prophase

Telophase

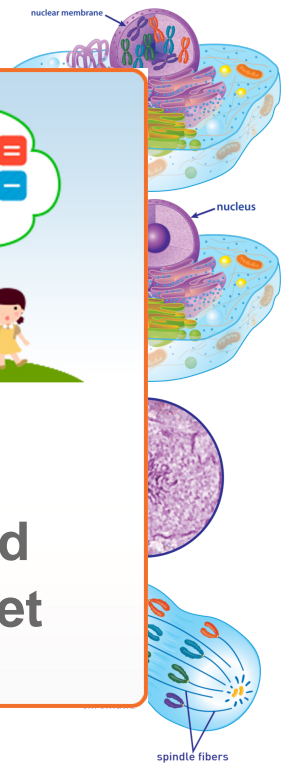
Mitosis

Anaphase

1. \_\_\_\_\_ - a duplication process of cells responsible for growth and development, as well as replacing worn out cells throughout our bodies; the production of two genetically identical "daughter cells" from a single "parent" cell



2. \_\_\_\_\_ - a membrane that encloses the cells nucleus; separates the chromosomes from the rest of the cell



3. \_\_\_\_\_  
control c



4. \_\_\_\_\_  
chromos  
fibers for

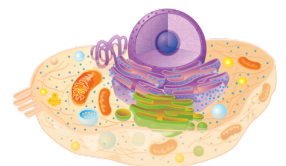
## PREVIEW

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6. \_\_\_\_\_ - a phase of mitosis following anaphase during which nuclear membranes form around each of the two sets of chromatids; the spindle fibers break down and disappear and the chromosomes unwind and the nuclear membrane begins to form around the chromosomes

7. \_\_\_\_\_ - a phase of mitosis following metaphase during which the spindle fiber splits the centromere and the chromatids move to opposite sides of the cell

8. \_\_\_\_\_ - the basic building block of all living organisms





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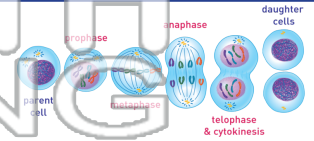
Prophase

Telophase

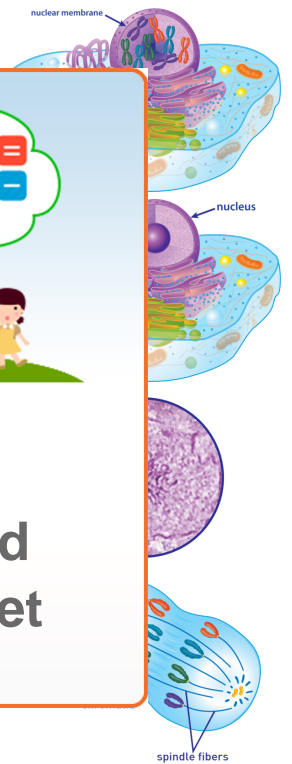
Mitosis

Anaphase

**1. Mitosis** - a duplication process of cells responsible for growth and development, as well as replacing worn out cells throughout our bodies; the production of two genetically identical "daughter cells" from a single "parent" cell



**2. Nuclear Membrane (envelope)** - a membrane that encloses the cells nucleus; separates the chromosomes from the rest of the cell



**3. Nucleus**  
center of



**4. Prophase**  
chromosomes  
fibers form

## PREVIEW

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**5. Spindle**  
centromere

**6. Telophase** - a phase of mitosis following anaphase during which nuclear membranes form around each of the two sets of chromatids; the spindle fibers break down and disappear and the chromosomes unwind and the nuclear membrane begins to form around the chromosomes

**7. Anaphase** - a phase of mitosis following metaphase during which the spindle fiber splits the centromere and the chromatids move to opposite sides of the cell

**8. Cell** - the basic building block of all living organisms

