* Humans belong to a class called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. This includes lemurs, monkeys, and apes as well.
* Humans are also HOMINIDS - a family of organisms that:
* The theory with most support suggests that the species H. Sapiens arose from other Homo species that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Others that left\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, like Neanderthals

**Tissue -**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  - group of organs that perform a function

**Organ -**

\_\_\_\_\_\_\_\_\_\_\_\_

the smallest unit of life, humans have many different types of cells with different shapes and functions. Ex. Nerve cell

|  |  |  |  |
| --- | --- | --- | --- |
| **Type of Tissues** | | | |
| **Epithelial** |  | **Nervous** |  |
|  | Groups of cells that hold together and support other tissue |  | Used for movement |

Homeostasis –

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - system reacts to STOP or SLOW what is happening; reverse it.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - system reacts to INCREASE what is happening;

|  |  |  |
| --- | --- | --- |
| **Organ system** | **Important organs/parts** | **How it maintains HOMEOSTASIS** |
| Integumentary |  | Hair and sweat glands maintain body temperature, moisture |
| Circulatory |  | Maintain oxygen/CO2 movement throughout body |
| Respiratory |  | Maintain movement of oxygen/CO2 into/out of the body |
| Excretory |  | Maintain the level of water, chemicals in the blood |

**Surface Area -**