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| CellsOrganisms are ALL made of cells!MicroscopesTEMSEMThe Cell Theory | 24* How do all those \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ come together to form a living organism?
	+ By forming a \_\_\_\_\_!
* A cell is the \_\_\_\_\_\_\_\_ \_\_\_\_\_ of an organism that is still considered living.
	+ \_\_\_\_\_\_ unit of \_\_\_\_\_!
* Some organisms, like \_\_\_\_\_\_\_\_\_\_, consist of only \_\_\_\_ cell.
* Others, like \_\_\_\_\_\_\_, have of \_\_\_\_\_\_\_\_\_\_ of specialized cells working together.
* Most cells are so tiny that you \_\_\_\_\_\_ \_\_\_\_\_ them without the help of a microscope.
* We use \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ (we can’t see some small structures with these)
	+ **\_\_\_\_\_\_ \_\_\_\_\_\_\_\_** created a primitive light microscope in 1665 and observed cells for the very first time.
* 1950- more powerful microscopes, biology grew \_\_\_\_\_\_!
* \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ (TEM) pass an electron beam through a very thin section of an organism and allow us to study the \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ of cells.
* Scanning electron microscopes (SEM) pass a beam of electrons across the surface of something to show the details of the shapes of surfaces giving a 3D image
* \_\_\_\_ organisms are composed of cells.
* Cells are \_\_\_\_\_\_and the basic living units of \_\_\_\_\_\_\_\_\_\_\_ in all organisms.
* All \_\_\_\_\_\_ come from \_\_\_\_\_\_ \_\_
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