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Introduction to Biology

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| **Across****2.** The movement of water from an area of high water concentration to low water concentration.**5.** A specific type of diffusion which employs the use of protein channels.**11.** Animal, fungi and \_\_\_\_\_\_\_\_\_ cells are all eukaryotic cells.**14.** Active transport is the only transport mechanism that requires \_\_\_\_\_\_\_\_\_.**15.**  Structure common to plant, bacteria and fungi cells.**16.** A prokaryotic organism.**17.** Rough endoplasmic reticulum is classed as ‘rough’ due to the presence of \_\_\_\_\_\_\_\_\_\_\_. | **Down****1.** Organelle that provides energy for the cell to use.**3.** Plant organelle that stores wastes, water and other materials.**4.** A particle composed of genetic material that is capable of causing illness.**6.** Structures responsible for packaging materials and exporting them out of the cell.**7.** Organelles responsible for photosynthesis.**8.** Structure that enables a cell to move.**9.** Adenosine Triphosphate is abbreviated to \_\_\_\_\_ and is the energy utilized by cells.**10.** A feature common to prokaryotic and eukaryotic cells.**12.** Form of genetic material found in cells.**13.** Organelle that contains the genetic information in a cell. |