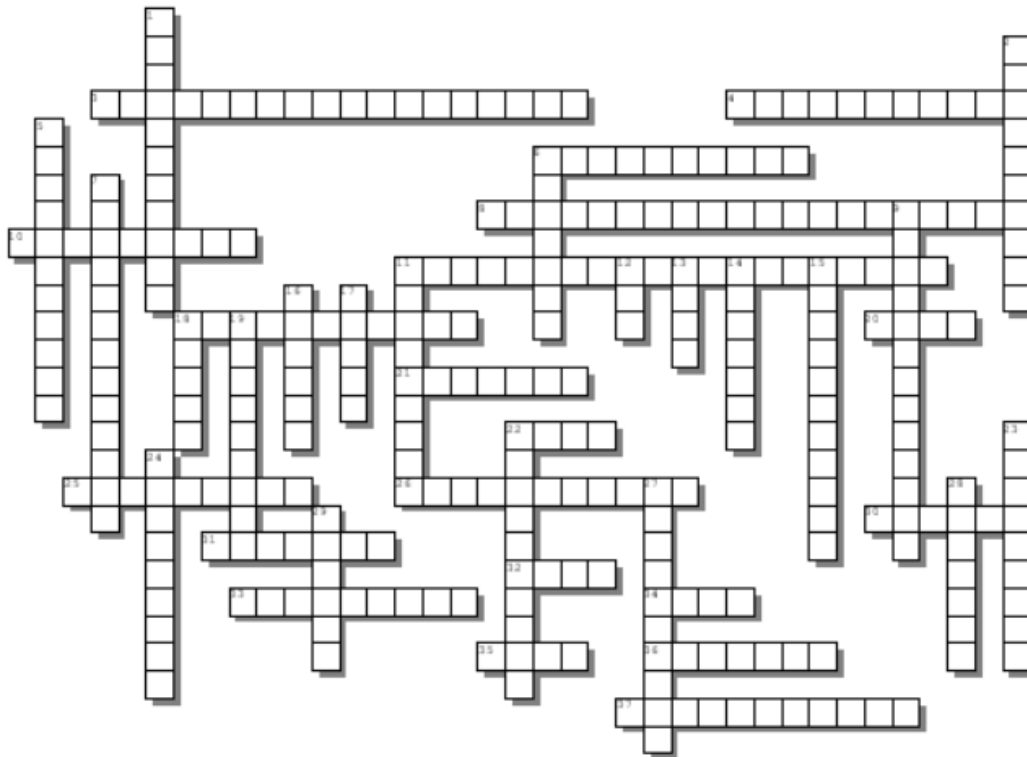


Puzzle 1



Across

- 3 - process that transports small molecules into the cell by the use of proteins that change shape
- 4 - form of endocytosis in which liquid is brought into a cell
- 6 - theory that living things only come from other living things
- 8 - genetic material
- 10 - proposed that plants are composed of cells

Down

- 1 - circular, lighted area that you see through the eyepiece on each power
- 2 - variable that is observed
- 5 - process of taking material into a cell by means of pockets of the cell membrane
- 6 - study of living things
- 7 - having more than one cell

Across

- 11 - an experiment in which only one variable changes
- 18 - bacteria
- 20 - basic unit of structure and function in living things
- 21 - type of transport that does not require cellular energy
- 22 - below
- 25 - factors in an experiment that can change
- 26 - variable that is deliberately changed
- 30 - salt is an example
- 31 - his experimental results supported spontaneous generation
- 32 - hydrophilic part of a lipid molecule
- 33 - solution that has less solute than the solution to which it is being compared
- 34 - proposed that flies produce maggots

- 35 - drink

- 36 - diffusion of water
- 37 - observed microorganisms in pond water

Down

- 9 - mass of solute per volume of solution

- 11 - portion of the cell outside the nucleus
- 12 - outside of

- 13 - within

- 14 - disproved abiogenesis
- 15 - part of a microscope that produces light
- 16 - nucleus
- 17 - above
- 18 - eat

- 19 - structure inside a eukaryotic cell
- 22 - proposed scientific explanation for a set of observations
- 23 - holds the objectives and can be rotated to change magnification
- 24 - regulates the amount of light passing up toward the eyepiece
- 27 - plants, animals, fungi, protists
- 28 - membrane-enclosed structure that contains DNA
- 29 - well tested explanation that unifies a broad range of observations

