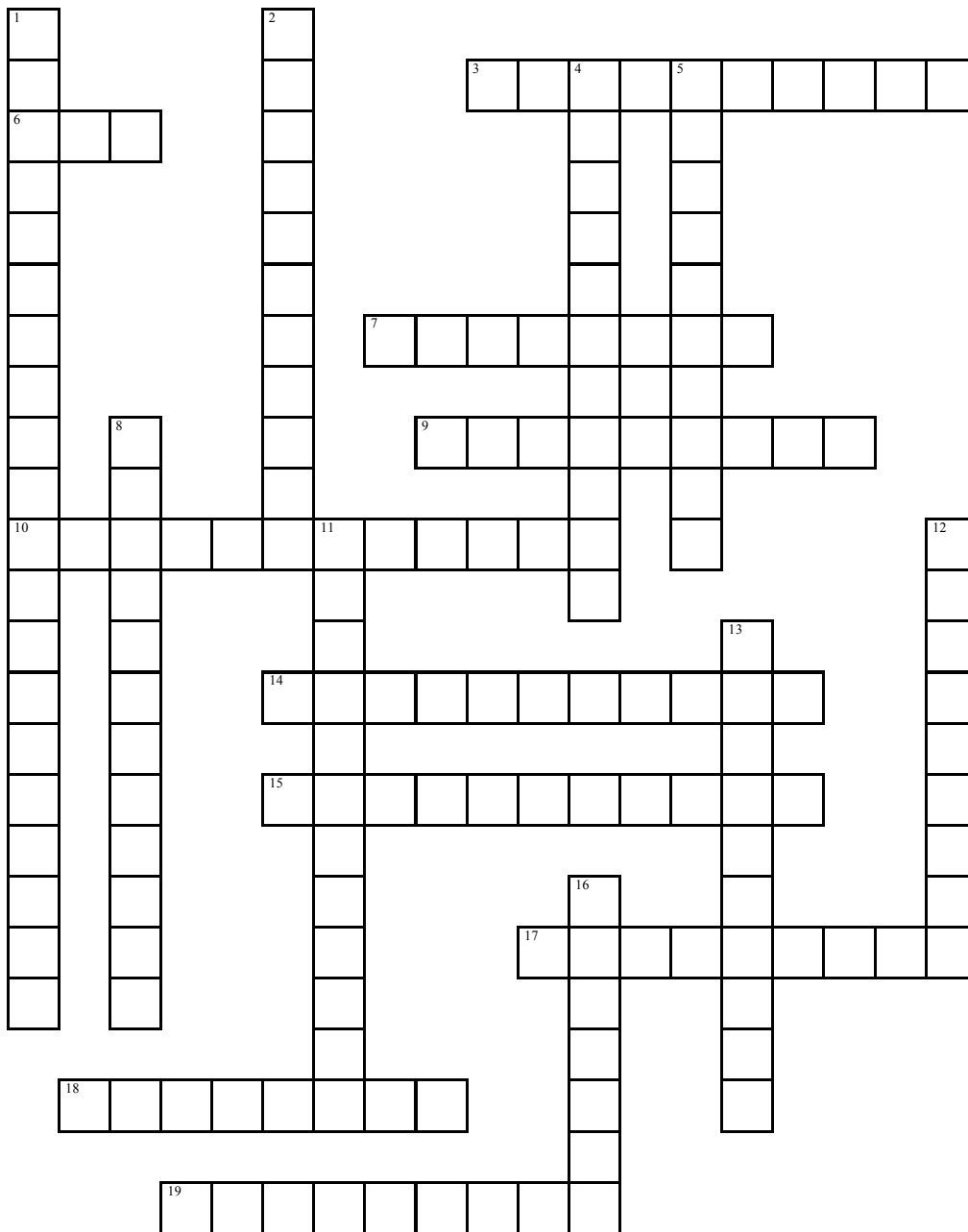


The Many Parts of a Cell



ACROSS

- 3 Instrument used to study cells
- 6 Contains the "blueprints of life"
- 7 Store water, food and waste products in the cell and help to keep plant cells plump and firm
- 9 Jelly-like substance that supports the organelles
- 10 Controls what materials enter and leave the cell
- 14 Package materials for the cell
- 15 A green pigment that captures the sun's energy for photosynthesis
- 17 Round object in the center of the nucleus that is believed to be the place where ribosomes are made
- 18 Rigid structure made of cellulose that is found only in plant cells; supports and protects the cell
- 19 Contain enzymes that can digest damage cell parts, break down large food molecules or destroy dead or damaged cells

DOWN

- 1 Tubular passageways in the cell that transport materials throughout the cell
- 2 Scientist who first named cells
- 4 Rod-like objects in the nucleus that are made of DNA
- 5 Tiny structures inside of cells; means "little organs"
- 8 Large green structures in plant cells that contain chlorophyll
- 11 Break down sugars to release the energy that is used to power the cell
- 12 Structures that make protein for the cell
- 13 Its 3 parts explain what cells are
- 16 Called the "control center" of the cell because it controls all of the cell's activities