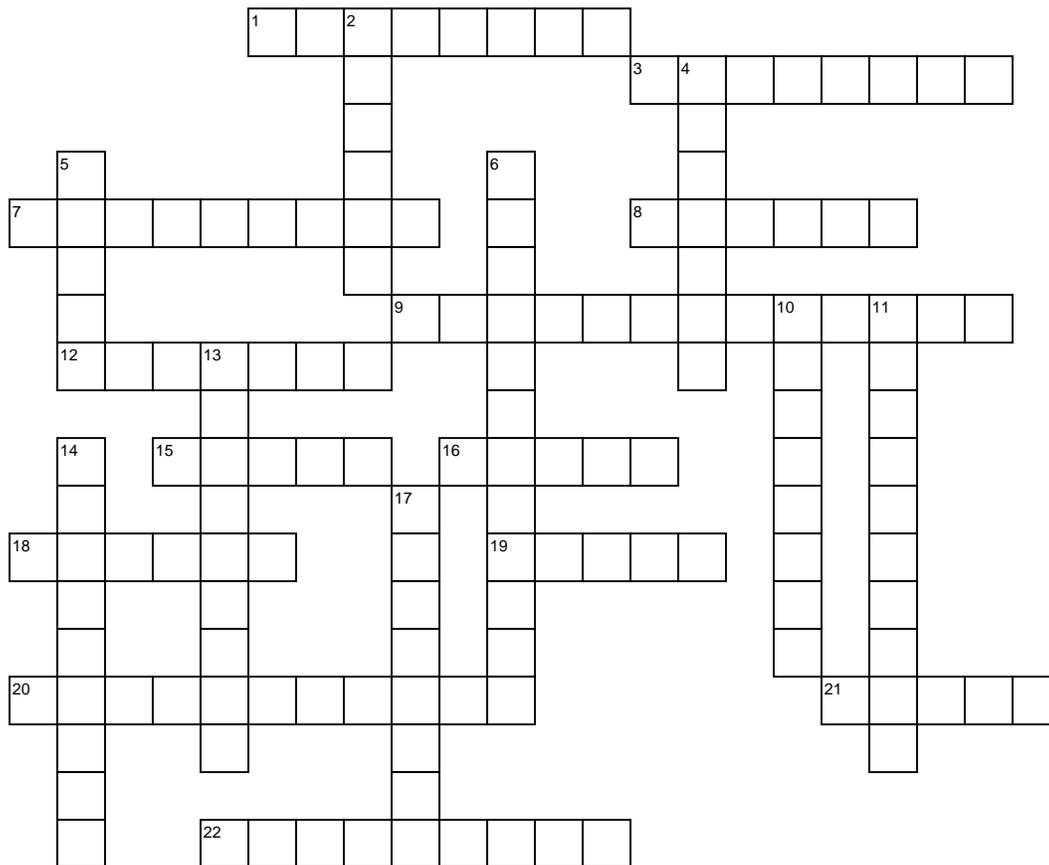


# Roland-Story Biology

## Chapter 20 Vocabulary



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### ACROSS

- 1** a membranelike layer that covers the protein coat (capsid) some viruses
- 3** a bacterium that is shaped like a rod
- 7** describes viral replication in which a viral genome is copied a provirus without destroying the cell that the virus has attacked
- 8** a type of bacterium that is shaped like a sphere
- 9** a virus that infects bacteria
- 12** a protective layer of sugars around the cell wall of some bacteria
- 15** a short, thick structure that allows a bacterium to attach to another bacterium
- 16** a type of protein that can infect cells; prions do not contain DNA or RNA
- 18** a protein coat that surrounds the nucleic acid core in a virus
- 19** a substance that is made by one living thing and that is poisonous to other living things
- 20** in prokaryotes, algae, and fungi, a type of sexual reproduction in which two cells join for a short time to recombine their genes
- 21** a nonliving particle made of a nucleic acid and a protein coat; it can infect and destroy a cell
- 22** a thick-walled protective spore that forms inside a bacterial cell and resists harsh conditions

### DOWN

- 2** a small strand of RNA that can infect and cause disease in plants
- 4** describes a process that requires oxygen
- 5** describes viral replication that results in the killing of the cell that the virus attacks and the release of many new virus particles
- 6** a protein to which carbohydrate molecules are attached
- 10** a virus, microorganism, or other substance that causes disease
- 11** a substance that can slow down the growth of or kill some microorganisms
- 13** a bacterium that is shaped like a spiral
- 14** describes a process that does not require oxygen
- 17** viral DNA that is inserted into the chromosome of the cell that has been attacked by a virus