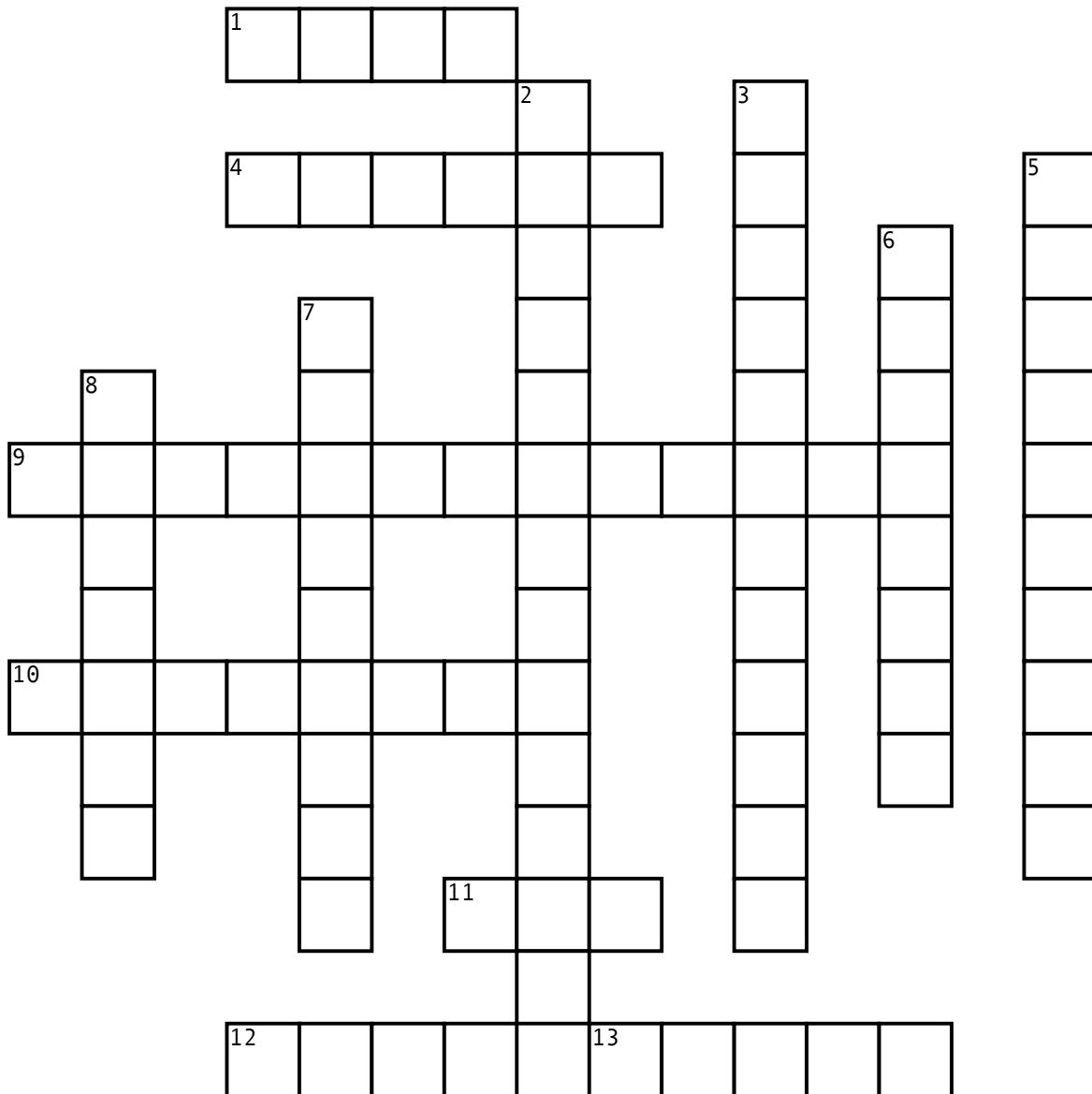


Genetics cross word puzzle



Across

- 1. the smallest structural and functional unit of an organism, typically microscopic and consisting of cytoplasm and a nucleus enclosed in a membrane.
- 4. Father of Genetics
- 9. a diagram that is used to predict an outcome of a particular cross or breeding experiment
- 10. the genetic constitution of an individual organism.
- 11. a molecule that carries the genetic instructions used in the growth, development, functioning and reproduction of all known living organisms and many viruses

- 12. a unit of heredity that is transferred from a parent to offspring and is held to determine some characteristic of the offspring.

- 13. a genetically determined characteristic.

Down

- 2. a gene that can be masked by a dominant gene.
- 3. a relationship between alleles of one gene, in which the effect on phenotype of one allele masks the contribution of a second allele at the same locus.
- 5. a threadlike structure of nucleic acids and protein found in the nucleus of most living cells, carrying genetic information in the form of genes.

- 6. generally considered a field of biology, but intersects frequently with many other life sciences and is strongly linked with the study of information systems.

- 7. the set of observable characteristics of an individual resulting from the interaction of its genotype with the environment.

- 8. a dense organelle present in most eukaryotic cells, typically a single rounded structure bounded by a double membrane, containing the genetic material.