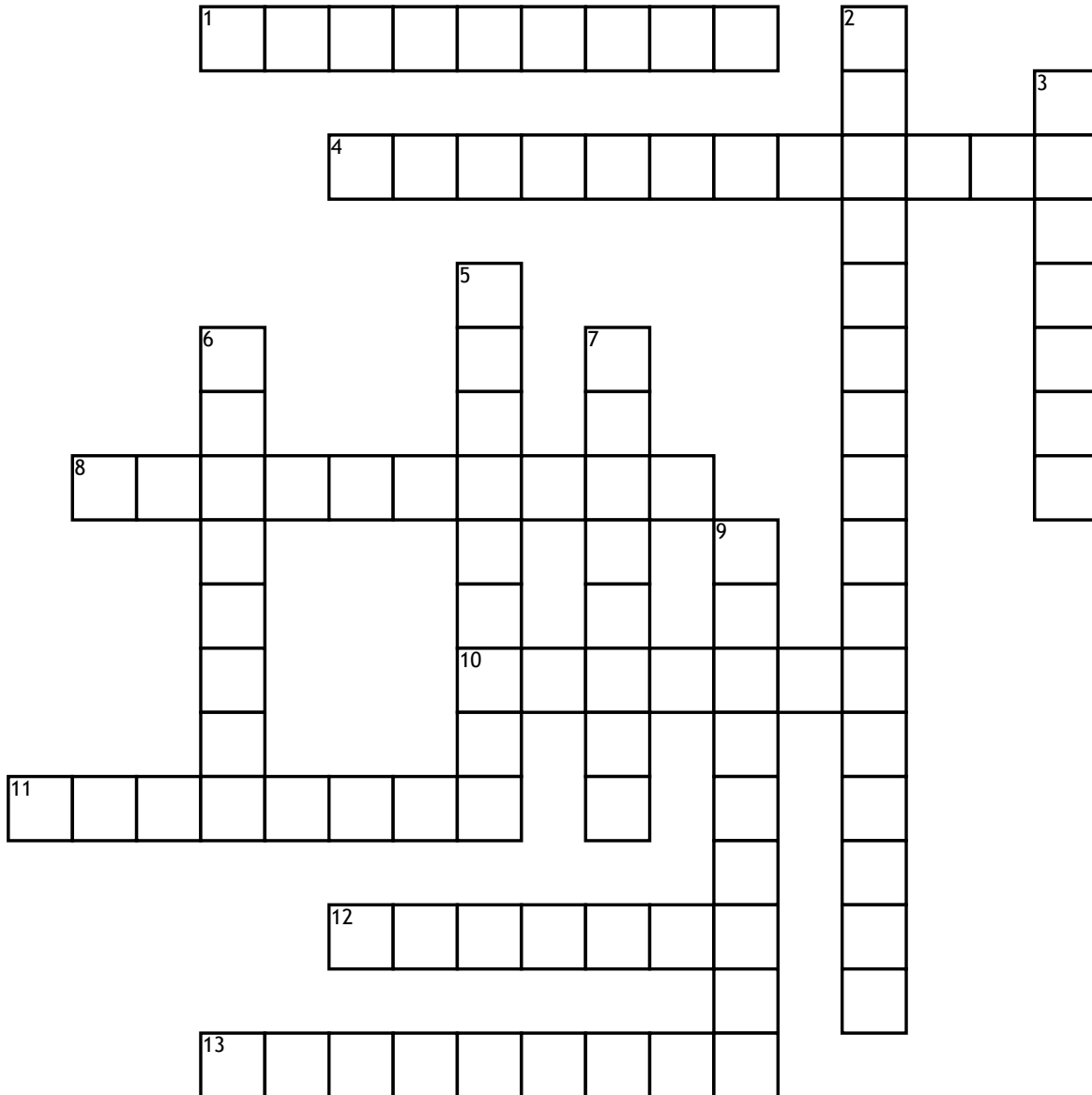


Enzymes



Across

1. An organic compound characterised by being in the amino group
 4. The process where a substance breaks down into another simpler substance
 8. Where a substrate binds and catalysis takes place—where a chemical reaction occurs
 10. A degradation enzyme that breaks down starch into maltose

11. A group of atoms, usually but not always representing more than one element, joined in a structure
 12. A molecule composed of polymers of amino acids joined together by peptide bonds
 13. The act or process of catalysing, or speeding up the rate of reaction between substances.

Down

2. A threshold that must be crossed to facilitate a chemical reaction

3. proteins that act as catalysts within living cells.
 5. the surface on which an organism lives
 6. Enzyme that catalyses the breakdown of hydrogen peroxide.
 7. A substance that speeds up a chemical reaction without participating in it
 9. constituents of individual enzymatic reactions