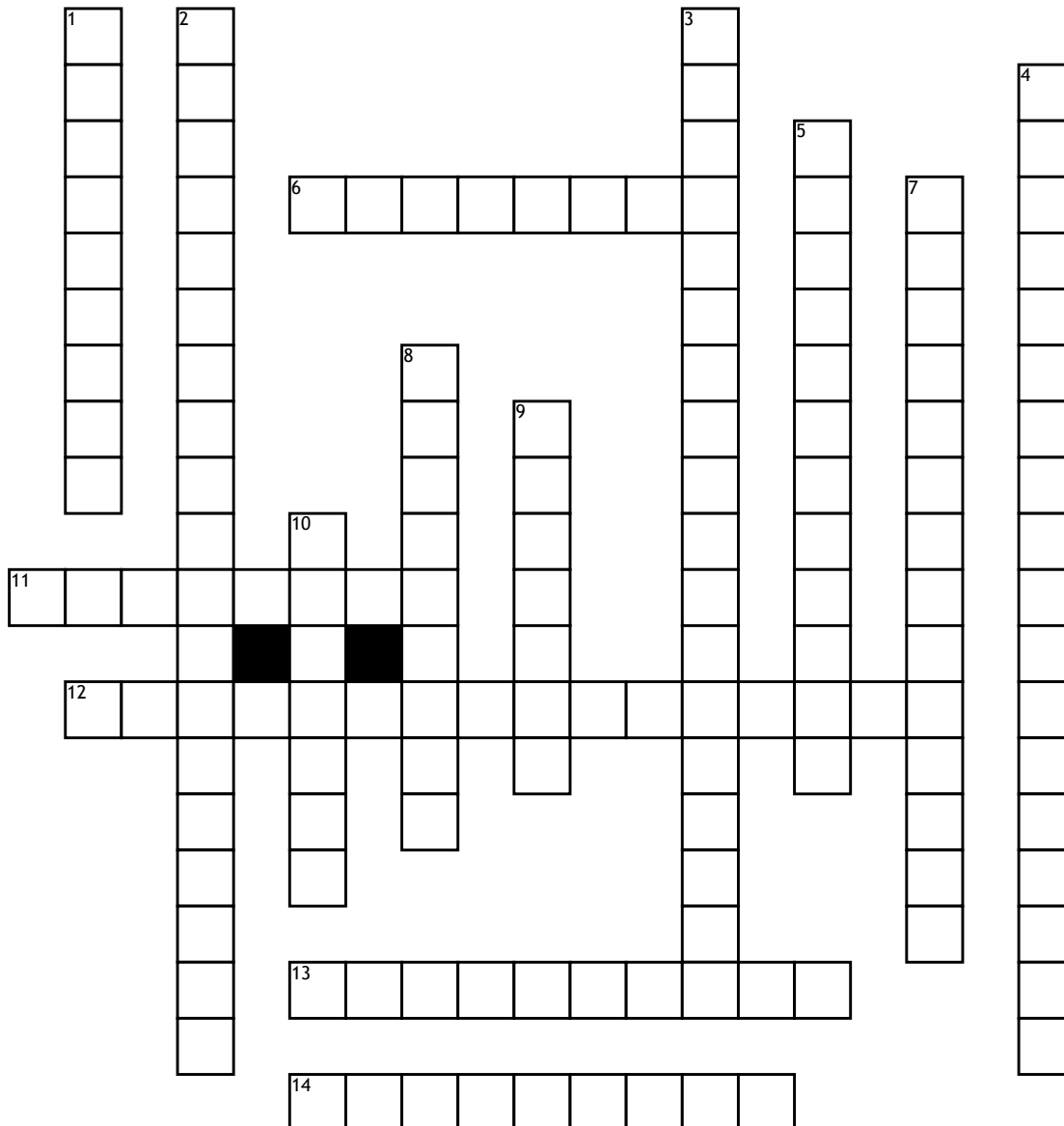


# Vocab sheet 5



## Across

**6.** a substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change.

**11.** a substance that takes part in and undergoes change during a reaction

**12.** the symbolic representation of a chemical reaction in the form of symbols and formulae

**13.** of a metabolic or chemical process) accompanied by or requiring the absorption of energy,

**14.** 1 mole =  $6.022 \times 10^{23}$  particles

## Down

**1.** (of a metabolic or chemical process) accompanied by the release of energy.

**2.** any process which requires or absorbs energy from its surroundings, usually in the form of heat.

**3.** a chemical reaction that releases energy through light or heat. It is the opposite of an endothermic reaction.

**4.** a high-temperature exothermic redox chemical reaction between a fuel and an oxidant, usually atmospheric oxygen, that produces oxidized, often gaseous products, in a mixture termed as smoke.

**5.** chemical decomposition produced by passing an electric current through a liquid or solution containing ions.

**7.** It is energy that is stored in the bonds between atoms and molecules.

**8.** a substance or layer that underlies something, or on which some process occurs

**9.** a substance produced by a living organism that acts as a catalyst to bring about a specific biochemical reaction.

**10.** a group of atoms behaving as a unit in a number of compounds