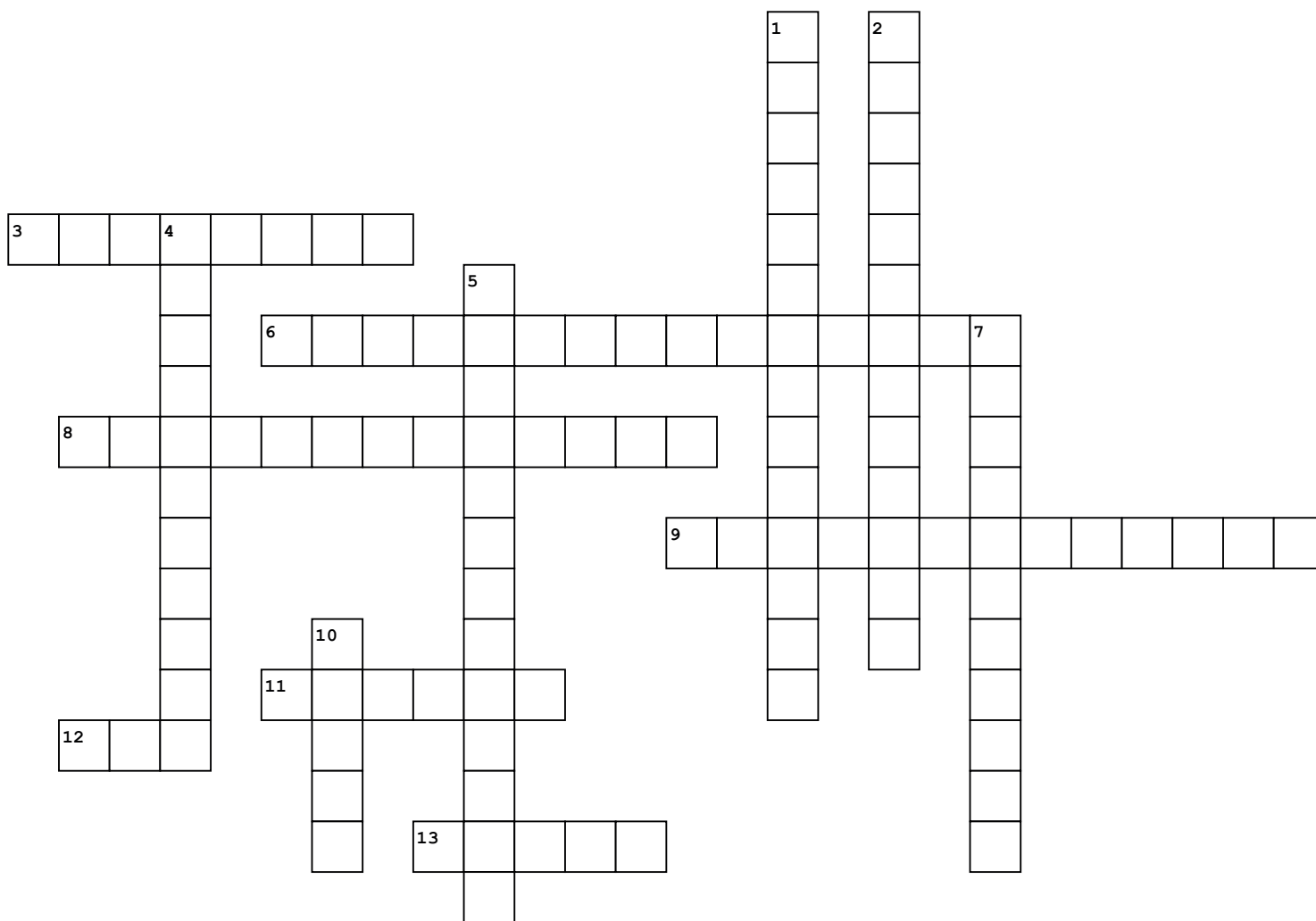


# Air and its Constituents



## Across

3. A substance that increases the rate of a chemical reaction without itself undergoing any chemical changes
6. Person who proved that oxygen is an element
8. Gradual increase of Earth's average surface temperature
9. The process of converting ammonia into nitrites and nitrates
11. Solid Carbon Dioxide
12. Mixture of invisible, colourless, odourless, tasteless and transparent gases
13. Combination of two or more metals

## Down

1. process where a metal is coated with a thin layer of another metal by electrolysis
2. Reduction in forests
4. Free living nitrogen fixer
5. The circulation of nitrogen between the atmosphere, soil and organisms
7. One of the basic processes of life
10. Inert gas which is used to fill electric bulbs