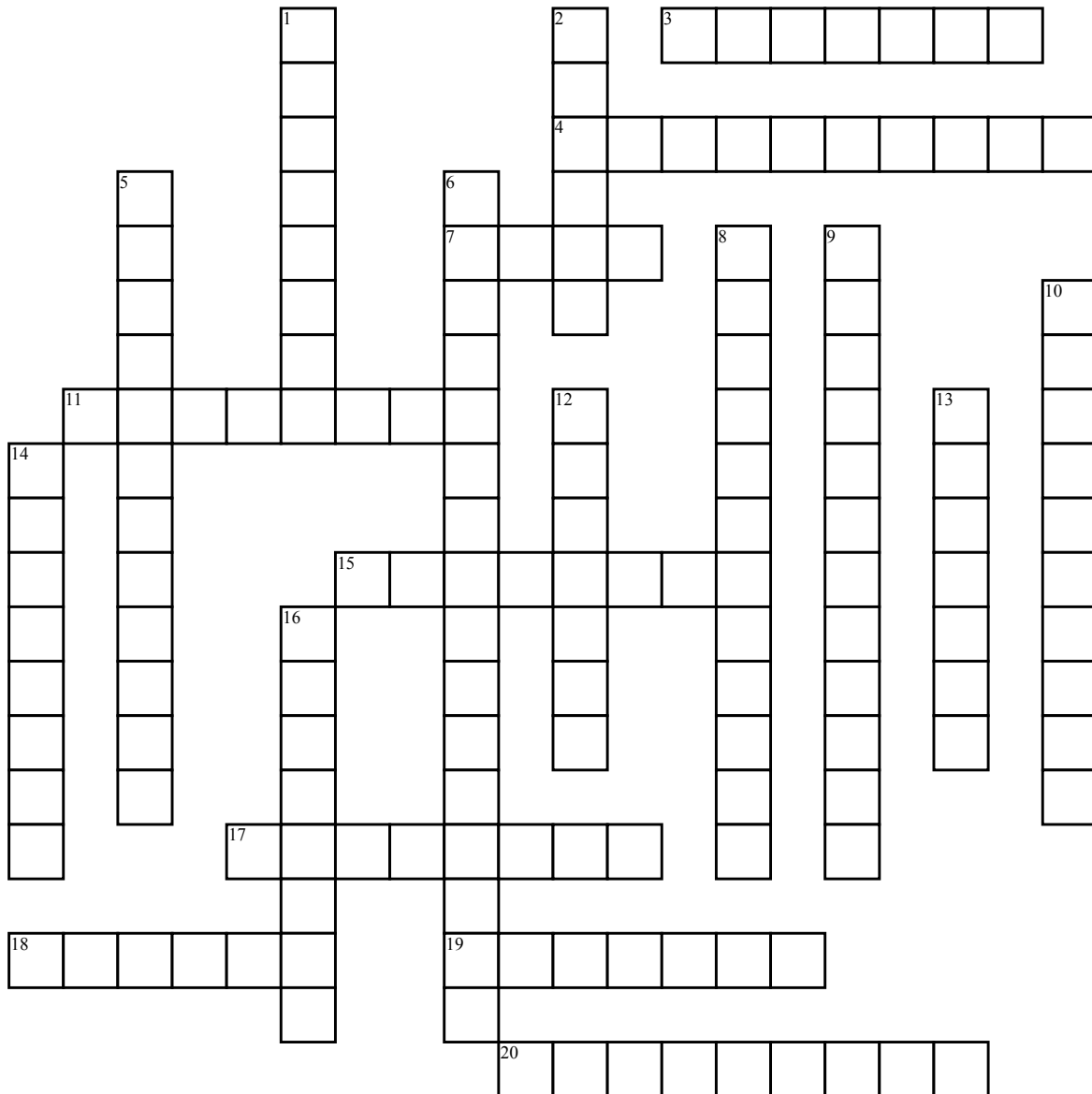


# Biology 1B - Unit 1 Crossword Puzzle



## Across

- 3.** pure substance, one type of atom  
**4.** number of protons and neutrons together, indicated below the symbol  
**7.** basic unit of matter  
**11.** attraction of molecules of the same substance  
**15.** negatively charged particle  
**17.** uneven sharing of electrons result in a molecule having opposite charges at each end  
**18.** positively charged particle

## **19.** center

**20.** atoms that enter a reaction

## Down

- 1.** atoms that are the result of a reaction  
**2.** a short representation  
**5.** weak bond formed by attraction of slight charges  
**6.** electrons in the outer most orbit of the nucleus  
**8.** strong bond formed through the sharing of electrons  
**9.** number of protons, indicated above the symbol

**10.** bonds formed through the transfer of electrons creating opposite charges that attract

- 12.** neutral particle  
**13.** an atom with increased number of neutrons  
**14.** product of a covalent bond  
**16.** atoms combined chemically through bonding