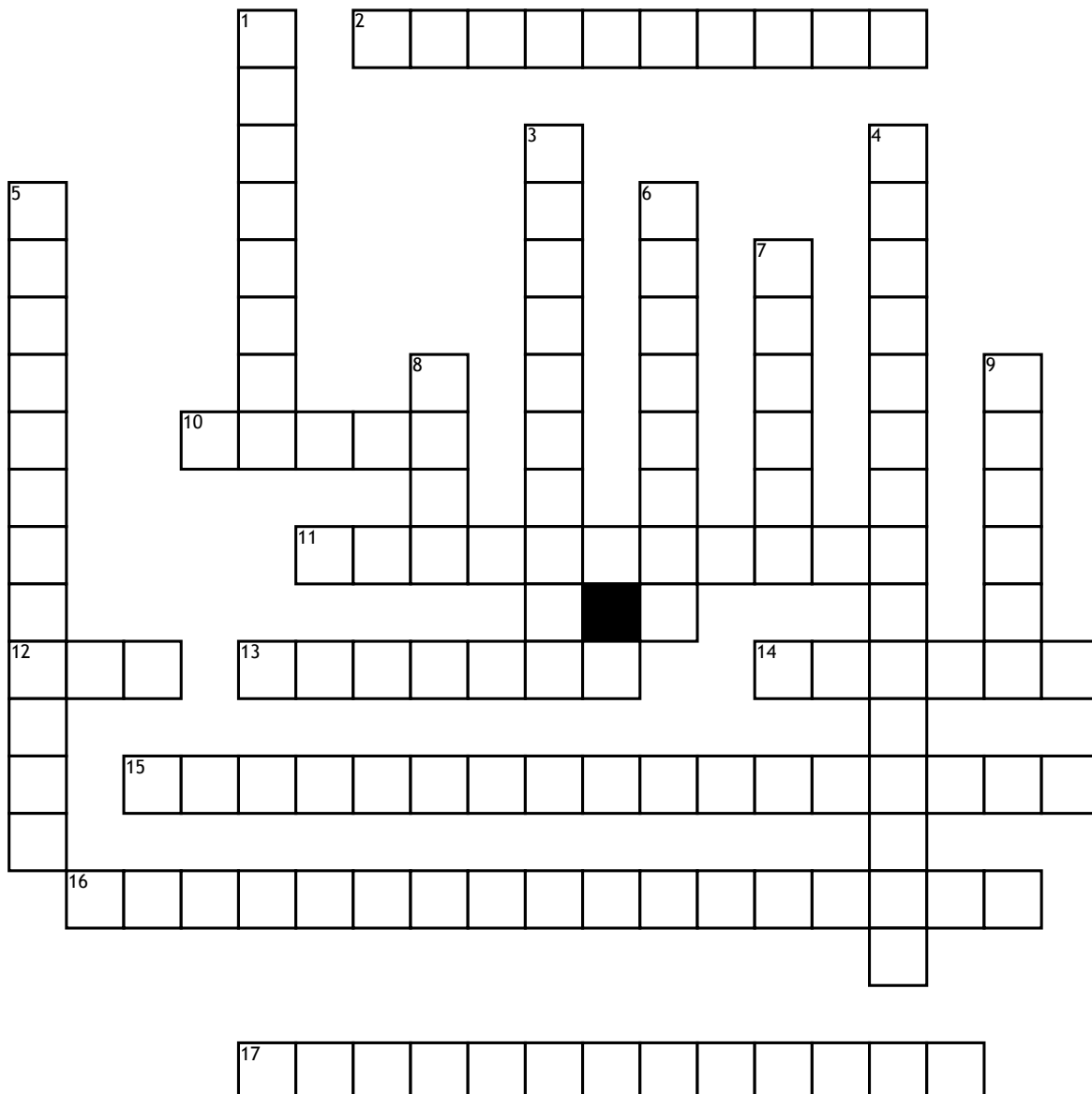


A Level bonding crossword



Across

2. Shape with only 90 degree angles

10. In ice, there are many hydrogen bonds are present holding water molecules apart. This makes ice lessthan water

11. Regular shape when there are 4 bonding pairs around the central atom

12. Van der waals forces happen between ... atoms and molecules

13. When an instantaneous dipole causes another atom/molecule to become charged, this atom/molecule is called an ... dipole

14. Metals are malleable and ductile because they have ...

15. Regular shape when there are 5 bonding pairs around the central atom

16. This is the power of an atom to attract the electron density in a covalent bond towards itself

17. Type of attraction which holds positive and negative particles together

Down

1. A macromolecular crystal which can conduct electricity

3. type of covalent bond when both electrons in the shared pair bond come from the same atom

4. Irregular shape of ammonia, NH₃

5. The shape of ClF₄ with a -1 charge

6. What type of bonding happens between a H atom on one molecule and an N, O or F atom on another?

7. If the 3D shape of a molecule is flat, it is describe as

8. Irregular shape of H₂O

9. Regular shape when there are 2 bonding pairs around the central atom