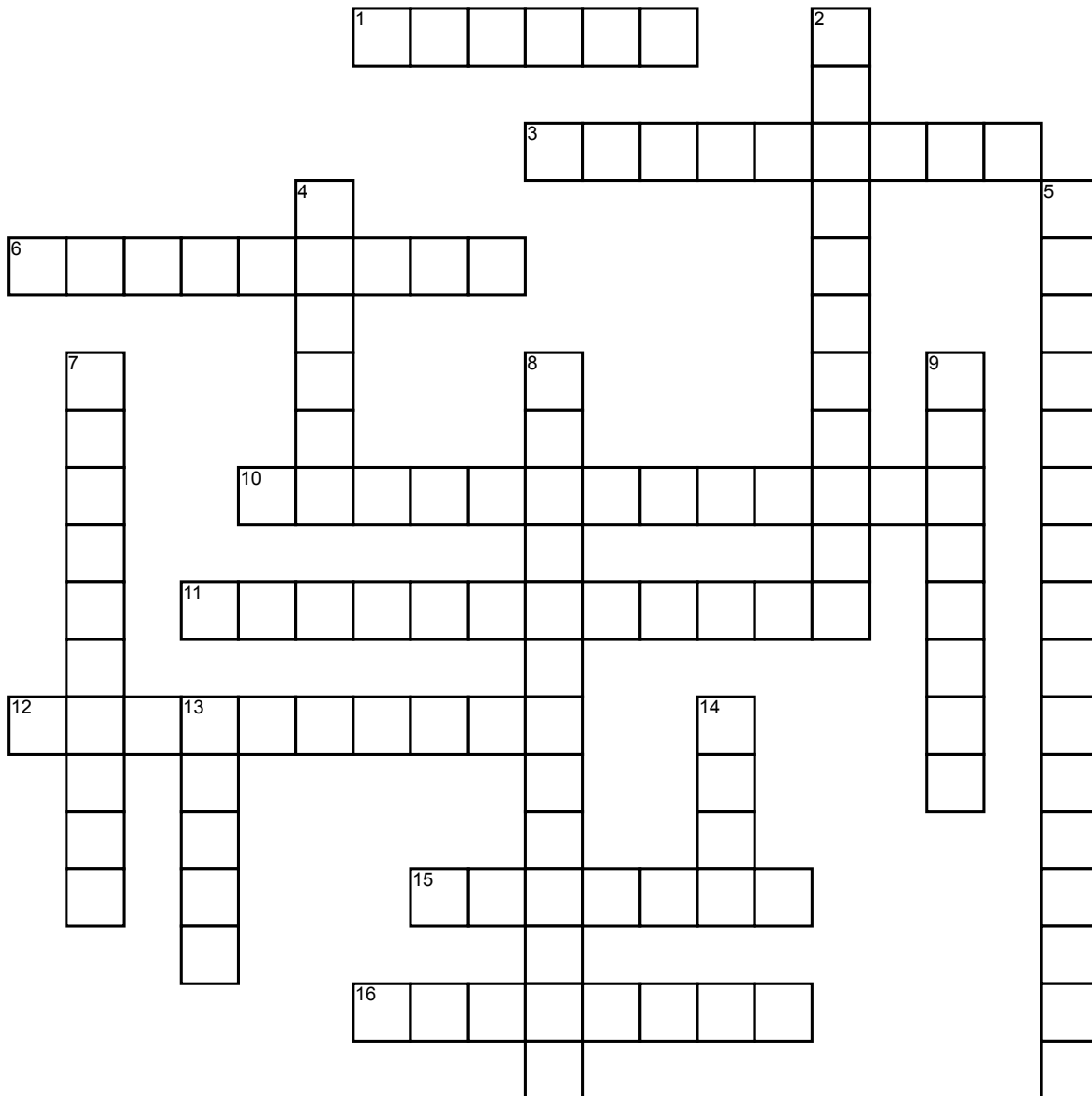


# Metals



## **Across**

1. A mixture of metals.
3. When metals need to be softened so that they can be worked.
6. Metals are \_\_\_\_\_ from the Earth's crust.
10. Something that is a useful way to temperally or perminately change properties.
11. How is alluminium extracted from aluminium oxide?

12. By adding elements and other metals together their \_\_\_\_\_ are enhanced.

15. Electricity passes between the electrodes and pure aluminium forms at the \_\_\_\_\_.

16. A process where a metal is heated in a furnace therefore it melts.

## **Down**

2. People that dig up tonnes to obtain a few grams.

4. How desirable a metal is often depends on how \_\_\_\_\_ it is.

5. What happens when metals are exposed with heat.

7. Metals that dont contain iron.

8. Metals that contain iron.

9. A pure metal like copper that forms the earth's crust

13. When steel is hardened, it becomes brittle and \_\_\_\_\_.

14. When steel is used in situations it requires to be very \_\_\_\_\_.