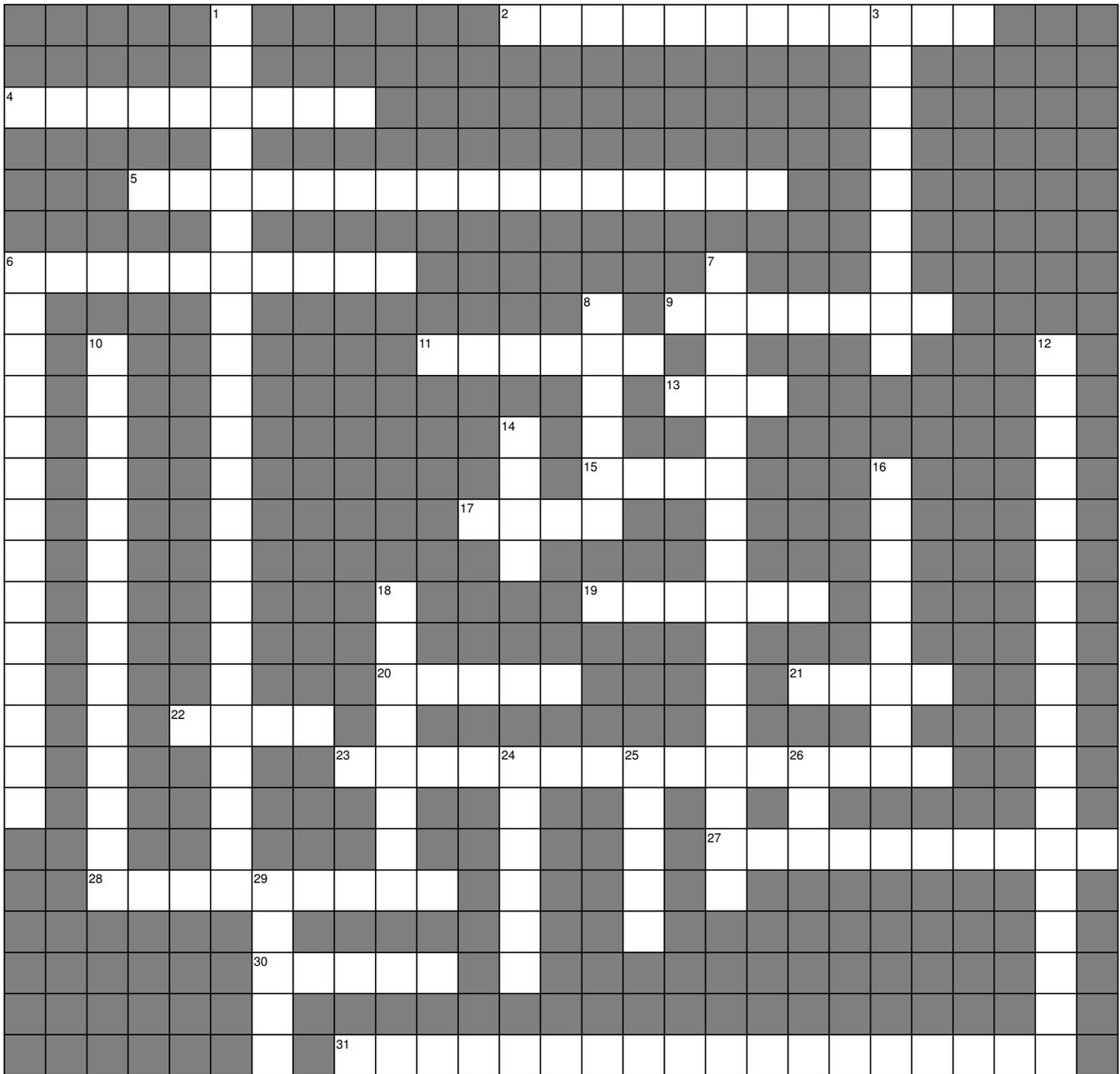


# Metals



# Metals

## Across

2. Iron Ore is taken to this furnace to produce Iron. (12)
4. Gates and Girders are made from this metal. (9)
5. Used in the Electric Arc Furnace to provide the spark. (16)
6. A metal with a very low melting temperature made from lead and tin. (10)
9. The general name for metals which contain iron. (7)
11. Pipes around the base of the Blast Furnace used to pump air into the Hearth. (6)
13. Raw material from the earth that contains metal. (3)
15. Metal used in the manufacture of Brass. (4)
17. Part of the Charge for the Blast Furnace and also a drink. (4)
19. The raw materials that are put into a furnace. (6)
20. Iron and Carbon (5)
21. The heaviest of the common metals and used in Flashing. (4)
22. Waste material after the smelting of a metal. (4)
23. Metal used in the manufacture of hammer heads. (15)
27. The general name for metals which do not contain iron. (10)
28. A type of rock used in the Charge for the Blast Furnace. (9)
30. A mixture of two or more metals. (5)
31. The Furnace used to produce bulk steel. (18)

## Down

1. A long pipe that pumps a gas into the Basic Oxygen Furnace and is kept cool by water. (22)
3. A light metal which aeroplanes are made from. (9)
6. What is a kitchen sink made from ? (14)
7. Material which keeps the heat inside the furnace and prevents the outside of the furnace from melting. (16)
8. Copper and Tin. (6)
10. Drill bits are made from this metal. (14)
12. The furnace used to produce high quality Steel. (18)
14. Ferrous in Greek. (4)
16. Steel coated with a non-ferrous metal. (8)
18. A Bench Vice is made from this metal. (8)
24. A metal that is very good at conducting heat and electricity. (6)
25. Copper and Zinc. (5)
26. A metal used in the manufacture of Bronze. (3)
29. The central part of the Blast Furnace. (5)