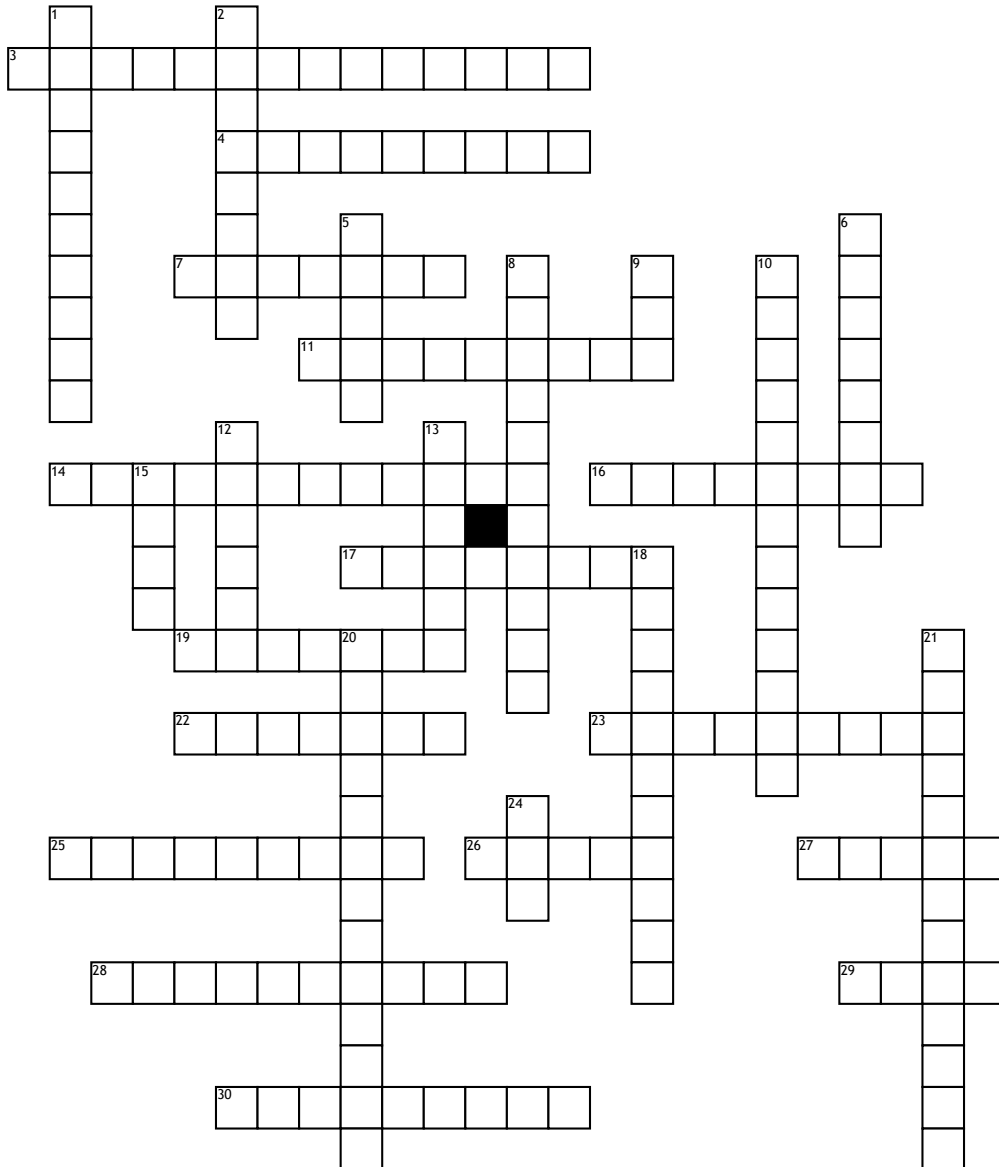


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Engineering



## Across

3. The process of monomers joining together
4. Heat treatment that softens the material
7. Type of plastic used for fake nails
11. A combination of different materials
14. A smart material that reacts to light
16. A mixture of sand cement and water
17. Process used to reverse corrosion
19. Easy to snap

22. Main use for stainless steel

23. Can be shaped or moulded easily
25. Another word for rust
26. A use of copper
27. Another name for polyamide
28. A use of ABS
29. Another word for a material being resistant to wear/ scratches
30. The process of dipping a heated metal into water or oil

## Down

1. If a material contains no iron what classification is it?
2. Classification of brick

5. If a material contains a mixture of metals what is it
6. Can be poured
8. A CNC machine
9. Most metals original form
10. A magnet that can be turned on and off
12. A mixture of tin and lead
13. The measure of current
15. The measure of resistance
18. One way of preventing corrosion
20. A plastic that cannot be reshaped/moulded
21. Smart material that reacts with heat
24. Where does plastic come from