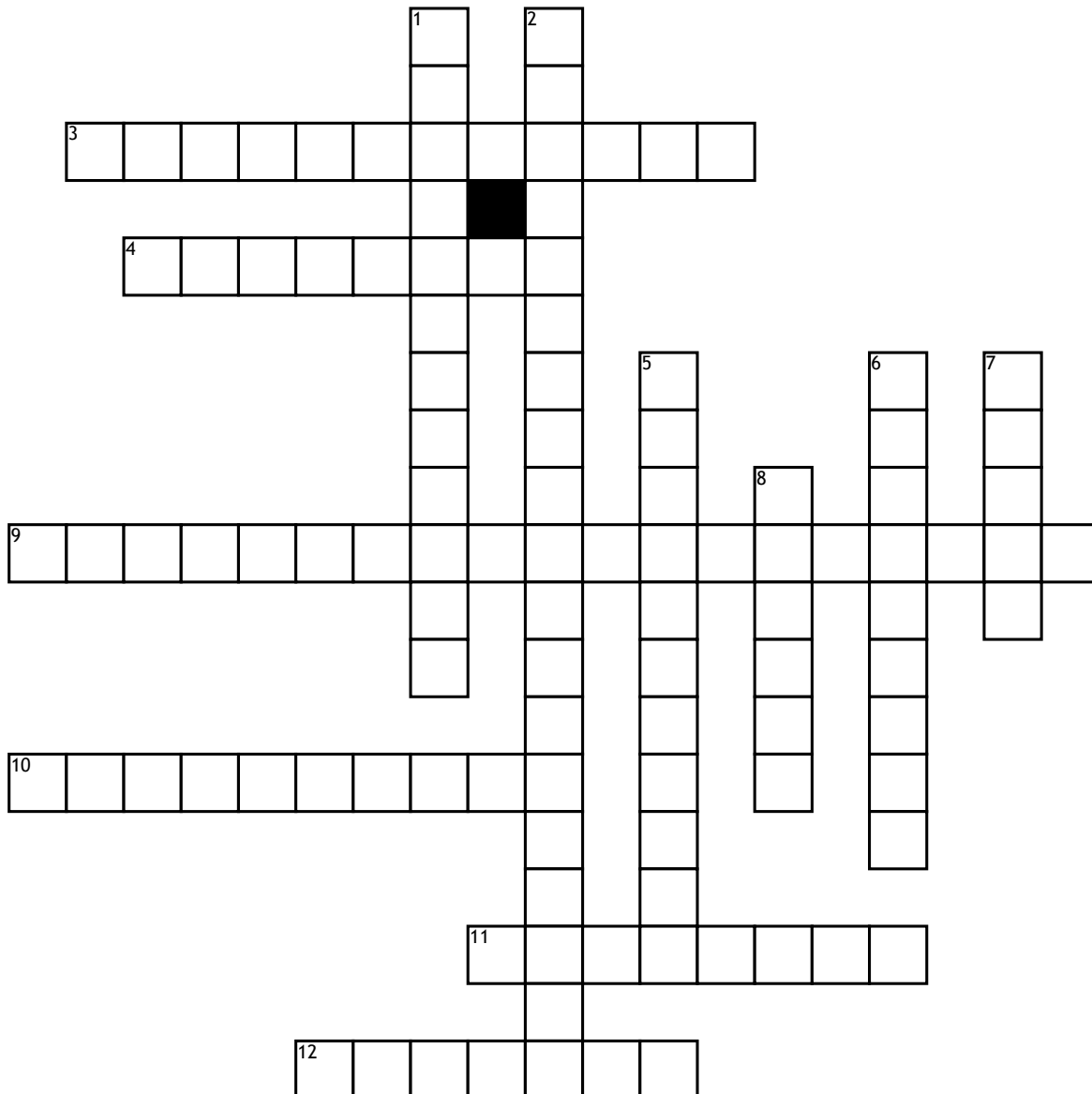


Name: \_\_\_\_\_

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

# The national grid



## Across

3. Where is electricity generated in the national grid?

4. to reduce the voltage to our homes we use a \_\_\_\_\_ transformer

9. what is the voltage used in uk homes

10. The voltage is increased to reduce \_\_\_\_\_ which gives off heat.

11. we have to \_\_\_\_\_ the voltage in the power lines.

12. The flow of charge

## Down

1. how do we transfer electricity around the UK

2. The difference in energy between two points

5. Increasing or decreasing the voltage can be done using a \_\_\_\_\_

6. if lots of power is used but lots of heat is given off we say it is not \_\_\_\_\_

7. Complete the units '400 000 ? runs through the power cables'

8. to increase the voltage in the power cables we use a \_\_\_\_\_ transformer