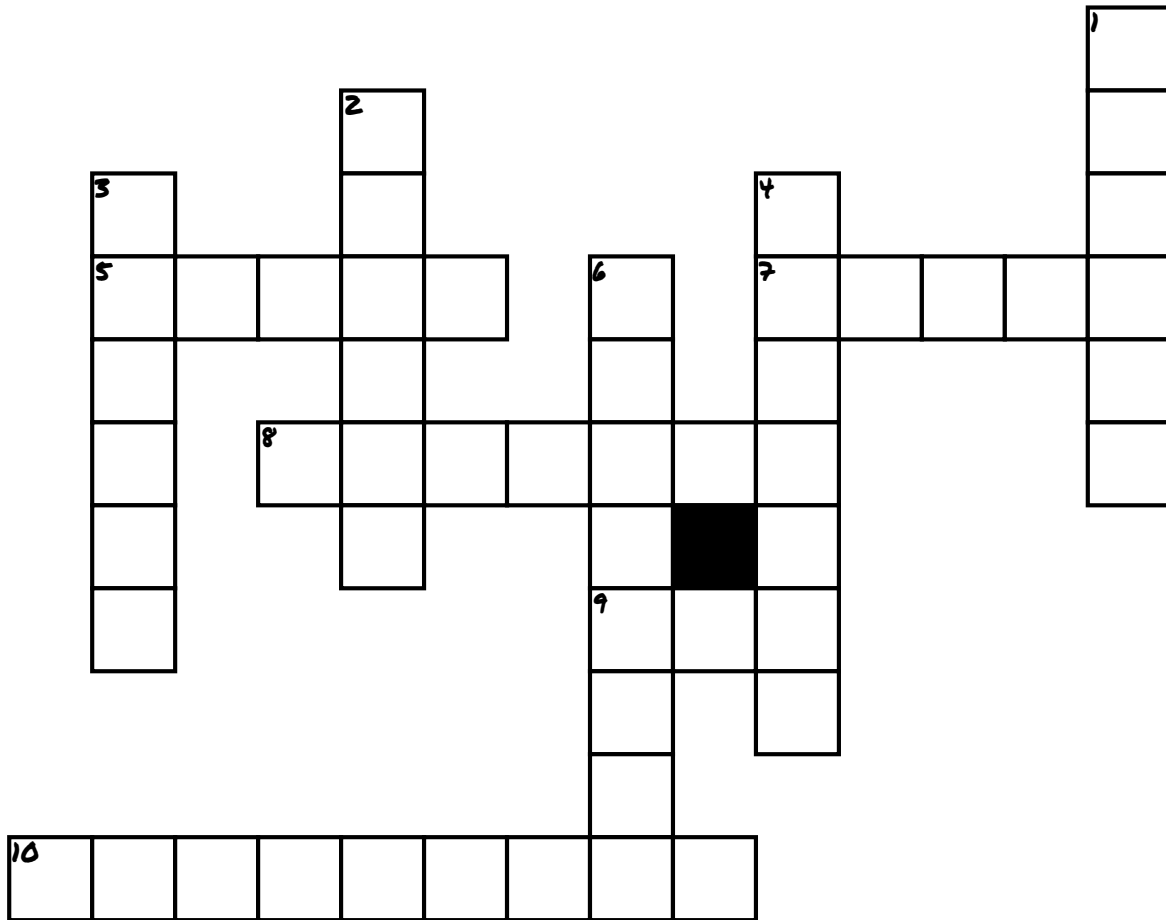


Name: \_\_\_\_\_

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

# ATOMS, ELEMENTS, AND COMPOUNDS



## ACROSS

5. ELEMENTS ARE MADE UP OF...
7. HOW MANY ELECTRONS CAN THE SECOND SHELL HOLD?
8. A SUBSTANCE THAT CANNOT BE BROKEN DOWN INTO A SIMPLER SUBSTANCE
9. HOW MANY ELECTRONS CAN THE FIRST SHELL HOLD?
10. FORMED WHEN ONE OR MORE ELECTRONS ARE TRANSFERRED FROM ONE ATOM TO ANOTHER

## DOWN

1. POSITIVELY CHARGED
2. VERTICAL COLUMN IN THE PERIODIC TABLE
3. ANYTHING THAT HAS MASS AND TAKES UP SPACE
4. NO CHARGE LOCATED IN THE CENTER OF THE ATOM
6. SMALLEST PART OF THE ATOM