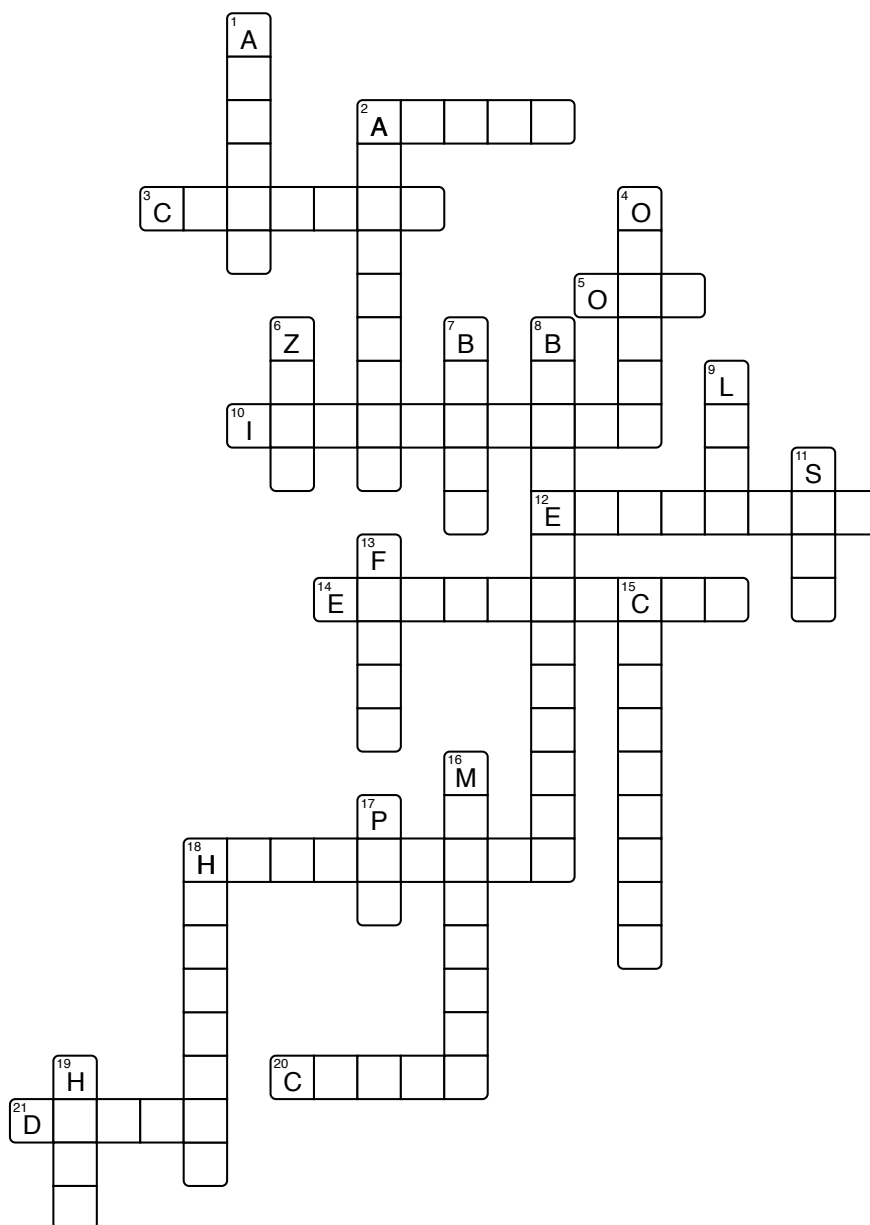


Metals And Non-Metals (with Hints)



Across

2. This is a mixture of metals.
3. The most reactive metal in the reactivity series.
5. Due their reactivity with the moisture in the air, alkali metals must be stored under this substance.
10. Plastics make very good electrical _____.
12. Alkali metals have a single _____ in their outermost shell which accounts for their high reactivity.
14. Metals are excellent _____ conductors!
18. Any alkali metal will react with water to produce hydrogen gas and a _____.
20. Plastics are made from this type of oil.
21. Metals are usually very heavy because they are very _____.

Down

1. These are the group 1 metals in the periodic table.
2. This metal is what you will find in a coke can.
4. When alkali metals react with air they form these compounds.
6. When you added HCL to this metal you produced hydrogen gas.
7. A good example of an alloy!
8. Plastics are not environmentally friendly are they are not _____.
9. Metals are found to the _____ of the step (marking) on the periodic table!
11. Alkali metals are _____ and so can be cut with a knife.
13. Alkali metals _____ because they are less dense than water.
15. Another name for rusting!
16. You examined the factors necessary for rusting- calcium chloride was added to the test tube to remove _____[.
17. The test for hydrogen gas, it burns with this noise!
18. When alkali gases react with water they give off this explosive gas!
19. Metals are extremely good at conducting this form of energy.