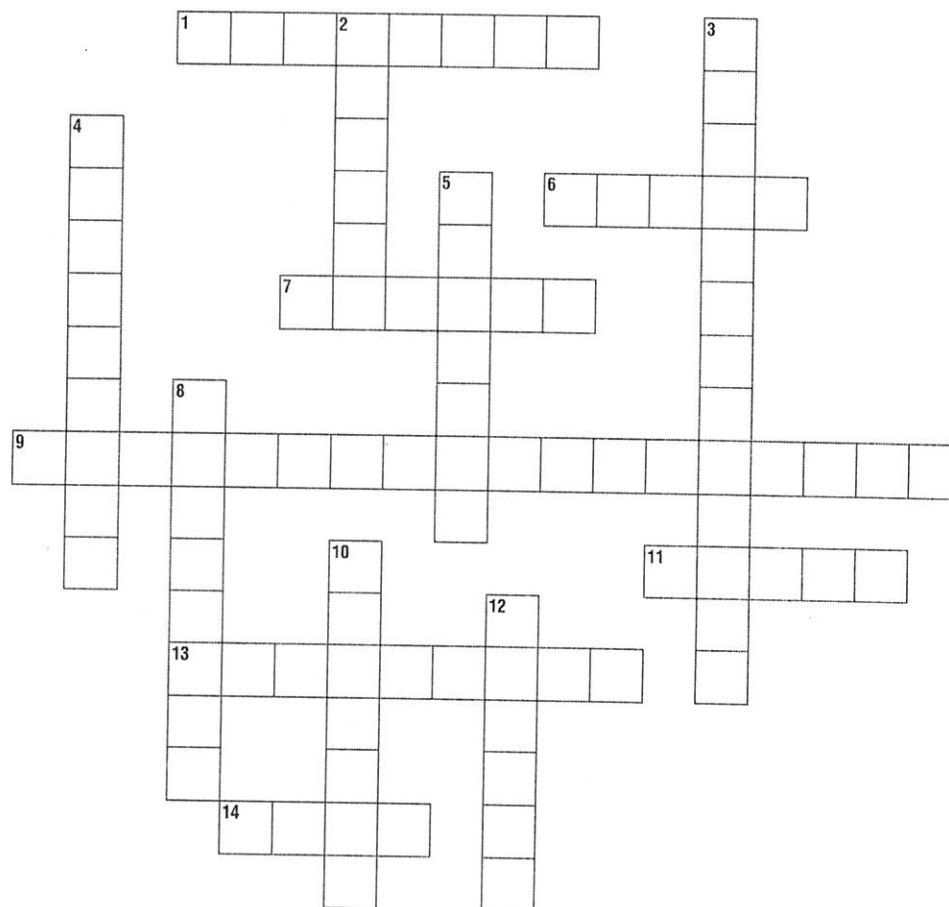


SECTION**Reinforcement****Electric Charge**

Directions: Use the clues to complete the puzzle.

**Across**

1. Negatively charged atomic particle
6. Can result from touching uninsulated wire
7. Positively charged atomic particle
9. Holds protons and neutrons together in the nucleus (3 words)
11. What like charges do.
13. Something electrons cannot move through easily
14. Tiny particle of matter

Down

2. Metal used for electrical wire
3. Gets stronger as you get closer to an electric charge (2 words)
4. Something electrons move through easily
5. What opposite charges do
8. Charge of an atom that has lost electrons
10. Atomic particle that has no charge
12. Buildup of electric charges



HOW MANY VOLTS?

Voltage is a measure of the force that pushes current through a conductor. It is expressed in volts. Circle the word **VOLT** in the grid. It may be written forward, backward, up, down, or diagonally.

How many volts can you find? _____

V	L	B	T	L	O	V	L	O	T	L	O	V
O	T	I	B	M	J	F	R	C	L	I	A	O
L	A	V	E	H	V	L	U	W	O	P	N	L
T	L	O	V	G	V	A	D	I	V	J	B	T
D	S	L	X	O	O	T	K	O	Z	M	L	O
Y	F	T	R	E	L	G	L	S	V	O	U	C
N	L	P	W	Y	T	T	L	O	V	X	Z	K
V	T	L	O	V	B	E	L	F	T	O	G	A
O	C	H	K	M	I	T	O	L	P	J	L	Q
R	V	O	L	T	S	V	Y	T	V	O	L	T
D	O	V	Z	W	V	O	C	N	E	A	U	L
V	L	F	J	H	O	L	M	B	T	R	D	O
O	T	N	V	X	L	T	P	L	G	L	Q	V
L	T	L	O	V	T	K	L	V	T	W	O	S
T	I	O	L	U	A	E	X	O	I	P	B	V
Y	C	F	T	H	K	T	L	O	V	R	O	D
V	O	L	T	Z	G	J	S	W	L	L	Q	O
T	N	Y	U	M	A	C	V	B	T	L	O	V