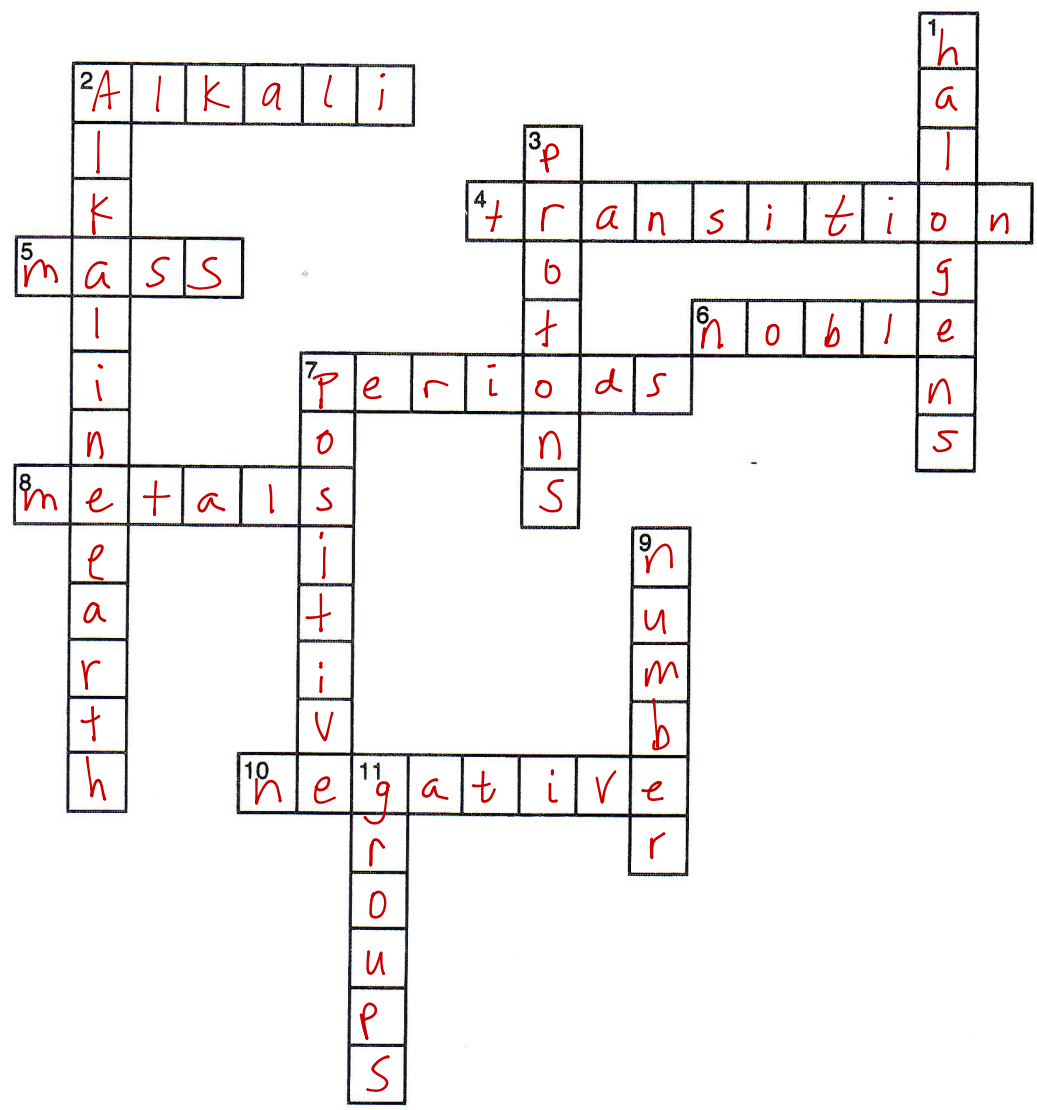


# PERIODIC TABLE CROSSWORD

Name Key-Mr. Saelburg



## Across

- Group I metals
- Elements in the middle of the periodic table are the \_\_\_\_ metals.
- The sum of the protons and neutrons is the \_\_\_\_ number.
- Inactive gases.
- The horizontal rows are called \_\_\_\_.
- Most of the elements are \_\_\_\_.
- Nonmetals tend to form \_\_\_\_ ions.

## Down

- Most active nonmetals
- Group II metals
- Atomic number is the number of \_\_\_\_.
- Metals tend to form \_\_\_\_ ions.
- The elements are arranged by atomic \_\_\_\_.
- The vertical columns are called families or \_\_\_\_.

# PERIODIC TABLE PUZZLE

Name Key - Mr. Sudbury

Group Number

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
I																		
	F														G	H		
													B					A
C								E					J					

		D																

Place the letter of each of the above elements next to its description below. Each answer may be used only once, so choose the best answer in each case.

1. An alkali metal C
2. An alkaline earth metal F
3. An inactive gas A
4. An active nonmetal H
5. A semimetal B
6. An inner transition element D
7. Its most common oxidation state is -2. G
8. A metal with more than one oxidation state E
9. Metal with an oxidation number of +3 J
10. Has oxidation numbers of +1 and -1 I

