



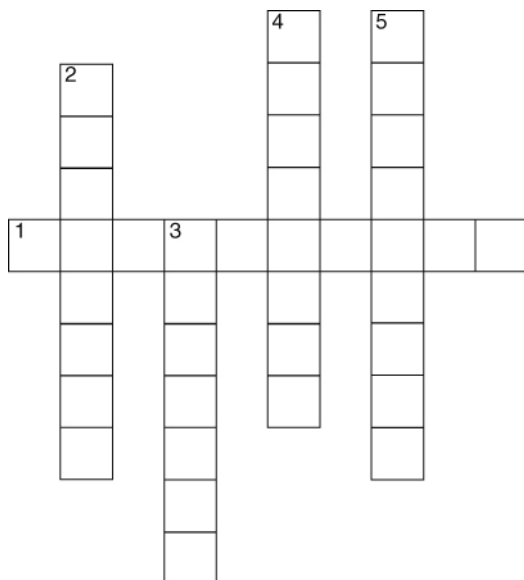
Name _____ Class _____ Date _____

Use a copy of the complete periodic table to help you complete the questions below.

Group 1	Group 2	Group 3					
		H					
			B		N		
Na				Si		S	Ar
						I	

Alkali metal	
Halogen	
Noble gas	

- 1
 - a Add the symbols for oxygen, aluminium and phosphorus in the correct places on the periodic table.
 - b Add the missing symbols for all the **alkali metals**. Colour the group in blue.
 - c Add all the missing symbols for the **halogens**. Colour the group in green.
 - d Add all the missing symbols for the **noble gases**. Colour the group in red.
 - e Add the symbols for two elements which will have some similar properties to silicon.
- 2 Complete the crossword below using the clues given.



Across

- 1 These elements are very unreactive (5) and (5)

Down

- 2 A green gas that is a halogen (8)
- 3 The first alkali metal (7)
- 4 Group 7 elements are called this (8)
- 5 An element with similar properties to sodium (9)

I can...

- identify the alkali metals, halogens and noble gases on the periodic table
- describe the main properties of noble gases.