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# Structure of the Periodic Table

Elements on the periodic table are arranged into groups based on their properties.

metals										non-metals										
1	2											3	4	5	6	7	0			
																		H		He
Li	Be											B	C	N	O	F	Ne			
Na	Mg											Al	Si	P	S	Cl	Ar			
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr			
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe			
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn			
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og			

alkali metals

halogens

noble gases

1. Give the name of an element in Group 6.

2. Give the chemical symbol of an element in Group 2.

3. Give the name of an alkali metal.

4. Give the name of a halogen.

5. Give the name of a noble gas.

6. In which group will you find boron (B)?

7. In which group will you find caesium (Cs)?

8. In which group will you find krypton (Kr)?

9. What type of element is bromine (Br)?

10. What type of element is potassium (K)?

11. What type of element is neon (Ne)?

12. Is manganese (Mn) a metal or non-metal?

13. Is selenium (Se) a metal or non-metal?

14. Is radium (Ra) a metal or non-metal?





# Teacher Notes

This worksheet is intended to be used for independent learning. The sheet includes an explanation about the content, followed by related questions to check student understanding.

The worksheet is included in the assessment pack for the KS3 Atoms and the Periodic Table unit of work, where it can be used as a feedforward task after the assessment. If it will not be used alongside the assessment, then it could be set for online learning, homework or cover work instead.