ACC1-A7 Charts for Investigate

Chart 1a	Column A	Column B	Column C	Column D
Element	Energy level (number) to which the last electron is assigned	Sublevel (letter) to which the last electron is assigned	Number of electrons in the sublevel to which the last electron is assigned	Total number of all electrons of the energy level in Column A
helium				
neon				
argon	3	*p*	6	8
krypton				
xenon				
radon				

Chart 2a

Element being compared	Number of electrons *more* than those found in closest noble gas (He)	Energy level (number) to which the last electron is assigned	Energy sublevel (letter) to which the last electron is assigned	Location of element (row) in the periodic table	Location of element (column) in the periodic table
Lithium	1	2	s	Row 2	Column 1
Beryllium					
boron					

Chart 2b

Element being compared	Number of electrons *more* than those found in closest noble gas (Ne)	Energy level (number) to which the last electron is assigned	Energy sublevel (letter) to which the last electron is assigned	Location of element (row) in the periodic table	Location of element (column) in the periodic table
sodium					
magnesium					
aluminum					

Chart 2d

Element being compared	Number of electrons *less* than those found in closest noble gas (Ne)	Energy level (number) to which the last electron is assigned	Energy sublevel (letter) to which the last electron is assigned	Location of element (row) in the periodic table	Location of element (column) in the periodic table
nitrogen	3	2	p	Row 2	Column 5
oxygen					
fluorine					

Chart 2e

Element being compared	Number of electrons *less* than those found in closest noble gas (Ar)	Energy level (number) to which the last electron is assigned	Energy sublevel (letter) to which the last electron is assigned	Location of element (row) in the periodic table	Location of element (column) in the periodic table
phosphorus	3	3	p	Row 3	Column 5
sulfur					
chlorine					

Use for question 3 (3a done already)

1A	IIA	IIIA	IVA	VA	VIA	VIIA	VIIIA
H							He
Li	Be	B	C	N	O	F	Ne
Na	Mg	Al	Si	P	S	Cl	Ar