

gridlocks – can you unlock the grid?

Elements 2

Before you answer the puzzles below fill in the table of elements using:

lithium Br iodine H He sodium Ar

Element	Symbol	Element	Symbol
	Li	sulfur	S
	Na	argon	
potassium	K	fluorine	F
hydrogen		chlorine	Cl
helium		bromine	
carbon	C		I

Gridlock 1

Each row, column and 2 x 2 box contains information about the first four elements listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

name		symbol	
	lithium		H
			Li
Na			potassium
	symbol		name

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Gridlock 2

Each row, column and 2 x 2 box contains the elements: helium, sulfur, carbon and argon.

name		symbol	
carbon			
		Ar	
		helium	
	S		
symbol		name	

Gridlock 3

Each row, column and 2 x 2 box contains the group 7 elements: fluorine, chlorine, bromine and iodine.

name		symbol	
chlorine			F
	Br		iodine
symbol		name	

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Elements 2 – answers

Before you answer the puzzles below fill in the table of elements using:

lithium Br iodine H He sodium Ar

Element	Symbol	Element	Symbol
lithium	Li	sulfur	S
sodium	Na	argon	Ar
potassium	K	fluorine	F
hydrogen	H	chlorine	Cl
helium	He	bromine	Br
carbon	C	iodine	I

Puzzle 1 – answers

Each row, column and 2 x 2 box contains information about the first four elements listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

name		symbol	
potassium	lithium	Na	H
hydrogen	sodium	K	Li
Li	K	hydrogen	sodium
Na	H	lithium	potassium
symbol		name	

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Puzzle 2 – answers

Each row, column and 2 x 2 box contains the elements: helium, sulfur, carbon and argon.

name		symbol	
carbon	argon	S	He
sulfur	helium	Ar	C
Ar	C	helium	sulfur
He	S	carbon	argon
symbol		name	

Puzzle 3 – answers

Each row, column and 2 x 2 box contains the group 7 elements: fluorine, chlorine, bromine and iodine.

name		symbol	
chlorine	iodine	Br	F
bromine	fluorine	I	Cl
F	Br	chlorine	iodine
I	Cl	fluorine	bromine
symbol		name	