

gridlocks – can you unlock the grid?

Elements 1

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

Cl H Ca potassium iron sulfur Na

Element	Symbol	Element	Symbol
magnesium	Mg		S
sodium			K
copper	Cu		Fe
calcium		chlorine	
hydrogen		silver	Ag
carbon	C	oxygen	O

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	
sodium			Mg
	Cu		calcium
symbol		name	

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Gridlock 2

Each row, column and 2 x 2 box contains the elements: hydrogen, sulfur, carbon and potassium.

name		symbol	
	hydrogen		K
			H
C			sulfur
symbol		name	

Gridlock 3

Work out the elements that this puzzle contains and then solve it

name		symbol	
chlorine			
		O	
		iron	
	Ag		
symbol		name	

Elements 1 – answers

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

Cl H Ca potassium iron sulfur Na

Element	Symbol	Element	Symbol
magnesium	Mg	sulfur	S
sodium	Na	potassium	K
copper	Cu	iron	Fe
calcium	Ca	chlorine	Cl
hydrogen	H	silver	Ag
carbon	C	oxygen	O

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	
sodium	calcium	Cu	Mg
copper	magnesium	Ca	Na
Mg	Cu	sodium	calcium
Ca	Na	magnesium	copper
symbol		name	

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Puzzle 2 – answers

Each row, column and 2 x 2 box contains the elements: hydrogen, sulfur, carbon and potassium.

name		symbol	
sulfur	hydrogen	C	K
potassium	carbon	S	H
H	S	potassium	carbon
C	K	hydrogen	sulfur
symbol		name	

Puzzle 3 – answers

Work out the elements that this puzzle contains and then solve it

name		symbol	
chlorine	oxygen	Ag	Fe
silver	iron	O	Cl
O	Cl	iron	silver
Fe	Ag	chlorine	oxygen
symbol		name	