

gridlocks – can you unlock the grid?

Periodic Table 1

You will need a copy of the Periodic Table of the elements to answer these gridlocks.

Gridlock 1

Each row, column and 2 x 2 box contains an element from groups 1, 2, 7 and 0 (the noble gases). Use your problem solving skills to fill in the blank boxes.

period 2		period 3	
beryllium			sodium
	chlorine		neon
period 3		period 2	

Gridlock 2

Each row, column and 2 x 2 box contains an element from groups 1, 2, 7 and 0 (the noble gases).

period 2		period 3	
	lithium		argon
			sodium
calcium			fluorine
period 4		period 2	

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Gridlock 3

Each row, column and 2 x 2 box contains an element from groups 1, 2, 7 and 0 (the noble gases).

period 2		period 3	
beryllium			sodium
			xenon
bromine			
period 4		period 5	

Gridlock 4

Each row, column and 2 x 2 box contains an element from groups 1, 2, 7 and 0 (the noble gases).

period 2		period 3	
lithium			argon
	neon		
			rubidium
		strontium	
period 4		period 5	

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Periodic Table 1 – answers

You will need a copy of the Periodic Table of the elements to answer these gridlocks.

Puzzle 1 – answers

Each row, column and 2 x 2 box contains an element from groups 1, 2, 7 and 0 (the noble gases). Use your problem solving skills to fill in the blank boxes.

period 2		period 3	
beryllium	neon	chlorine	sodium
fluorine	lithium	argon	magnesium
sodium	chlorine	beryllium	neon
argon	magnesium	lithium	fluorine
period 3		period 2	

Puzzle 2 – answers

Each row, column and 2 x 2 box contains an element from groups 1, 2, 7 and 0 (the noble gases).

period 2		period 3	
fluorine	lithium	magnesium	argon
neon	beryllium	chlorine	sodium
potassium	bromine	neon	beryllium
calcium	krypton	lithium	fluorine
period 4		period 2	

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Puzzle 3 – answers

Each row, column and 2 x 2 box contains an element from groups 1, 2, 7 and 0 (the noble gases).

period 2		period 3	
beryllium	fluorine	argon	sodium
neon	lithium	magnesium	chlorine
potassium	calcium	iodine	xenon
bromine	krypton	rubidium	strontium
period 4		period 5	

Puzzle 4 – answers

Each row, column and 2 x 2 box contains an element from groups 1, 2, 7 and 0 (the noble gases).

period 2		period 3	
lithium	beryllium	chlorine	argon
fluorine	neon	sodium	magnesium
calcium	bromine	xenon	rubidium
krypton	potassium	strontium	iodine
period 4		period 5	