

gridlocks – can you unlock the grid?

Atomic structure (16–18) – answers

isotope	number of protons	neutrons	electrons
$^{19}_9\text{F}$	9	10	2,7
$^{35}_{17}\text{Cl}$	17	18	2,8,7
^2_1H	1	1	1
^7_3Li	3	4	2,1

Gridlock 1 – answers

isotope		number of protons	
$^{35}_{17}\text{Cl}$	^7_3Li	1	9
^2_1H	$^{19}_9\text{F}$	3	17
4	18	2,7	1
10	1	2,8,7	2,1
neutrons		electrons	

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Gridlock 2 – answers

isotope		number of protons	
${}^2_1\text{H}$	${}^{19}_9\text{F}$	17	3
${}^7_3\text{Li}$	${}^{35}_{17}\text{Cl}$	1	9
9	1	4	18
17	3	10	1
number of protons		neutrons	

Gridlock 3 – answers

element		number of protons	
O	Na	2	6
He	C	11	8
6	2	2,6	2,8,1
11	8	2,4	2
number of protons		electrons	