

# gridlocks – can you unlock the grid?

## The Periodic Table 2

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 3, 4, 5 and 6. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

period 2		period 3	
boron			sulfur
	oxygen		
			boron
		carbon	
period 3		period 2	

### Gridlock 2

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
	boron		sulfur
			aluminium
silicon			nitrogen
period 4		period 2	

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## Gridlock 3

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
carbon			
		sulfur	
		indium	
	arsenic		
period 4		period 5	

## Gridlock 4

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
boron			sulfur
	oxygen		
			indium
		tin	
period 4		period 5	