

# gridlocks – can you unlock the grid?

## Chemical names with numeral prefixes

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

tri	penta	di	octa	deca	tetra
Number	Prefix	Number	Prefix		
2		6	hexa		
3		7	hepta		
4		8			
5		10			

### Gridlock 1

Each row, column and 2 x 2 box contains information about the prefixes: di, tri, tetra and penta. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

number		prefix	
3			di
	tetra		5
prefix		number	

# gridlocks – can you unlock the grid?

## Gridlock 2

Each row, column and 2 x 2 box contains information about the prefixes: hexa, hepta, octa and deca.

number		prefix	
6			deca
	10		
			6
		7	
prefix		number	

## Gridlock 3

Each row, column and 2 x 2 box contains information about the prefixes: di, tri, tetra and hexa.

number		prefix	
3			
		hexa	
		2	
	tetra		
prefix		number	

# gridlocks – can you unlock the grid?

## Chemical names with numeral prefixes – answers

tri	penta	di	octa	deca	tetra
Number	Prefix	Number	Prefix		
2	di	6	hexa		
3	tri	8	octa		
4	tetra	8	octa		
5	penta	10	deca		

## Gridlock 1 – answers

number		prefix	
3	5	tetra	di
4	2	penta	tri
di	tetra	3	5
penta	tri	2	4
prefix		number	

# gridlocks – can you unlock the grid?

## Gridlock 2 – answers

number		prefix	
6	7	octa	deca
8	10	hexa	hepta
hepta	octa	10	6
deca	hexa	7	8
prefix		number	

## Gridlock 3 – answers

number		prefix	
3	6	tetra	di
4	2	hexa	tri
hexa	tri	2	4
di	tetra	3	6
prefix		number	