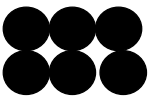
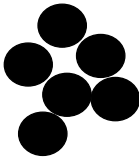
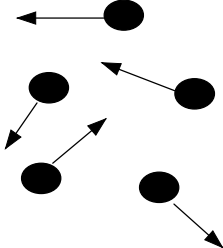


## States of matter 2

Before you answer the puzzles below fill in the states of matter using:

	liquid	cannot be poured or easily compressed	freely moving
	<b>States of matter</b>		
<b>Data</b>	solid		gas
picture			
motion of particles	vibration	slip past neighbours	
properties		can be poured	can be easily compressed

### Gridlock 1

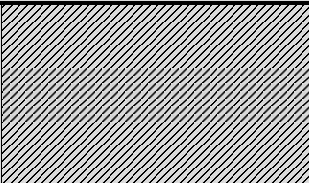
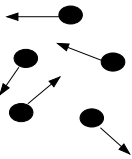
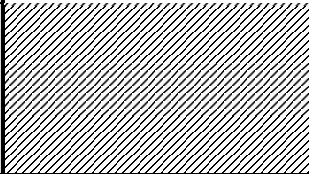
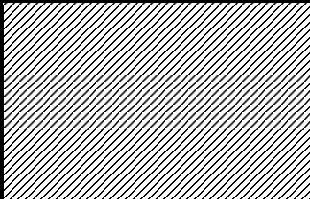
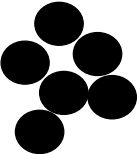
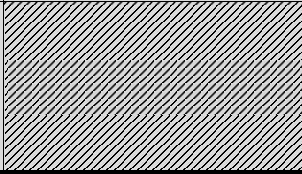
Each row, column and 2 x 2 box contains the three states of matter. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

	name		motion of particles
liquid			vibration
freely moving			
	motion of particles		name

# gridlocks – can you unlock the grid?

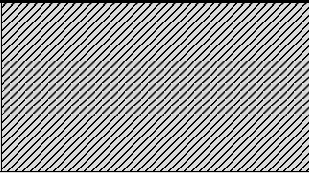
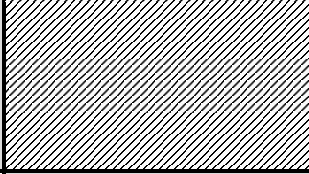
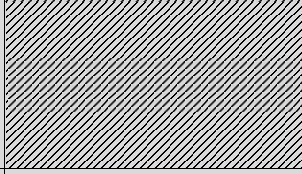
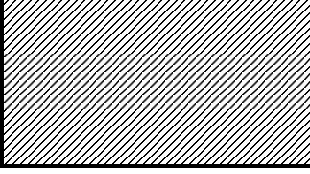
## Gridlock 2

Each row, column and 2 x 2 box contains solid, liquid and gas.

name		picture	
			
gas			
			
			
picture		name	

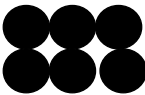
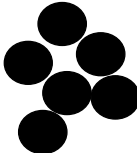
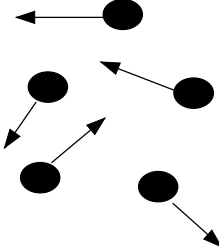
## Gridlock 3

Each row, column and 2 x 2 box contains information about solid, liquid and gas.

name		properties	
liquid			cannot be poured or easily compressed
			
	can be easily compressed		
			
properties		name	

# gridlocks – can you unlock the grid?

## States of matter 2 – answers

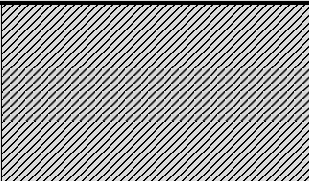
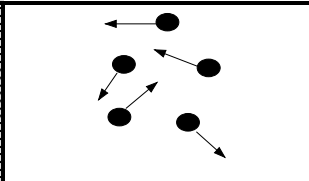
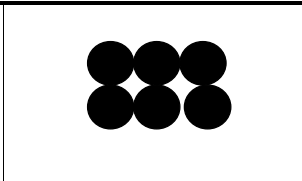
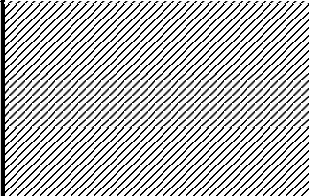
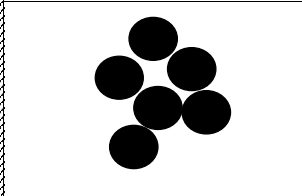
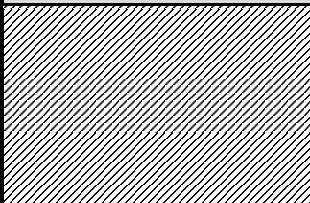
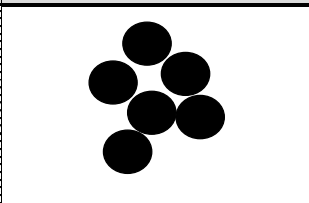
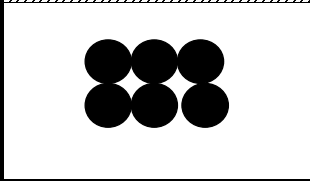
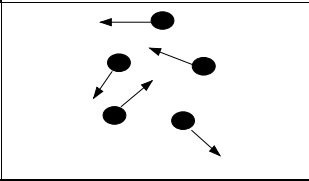
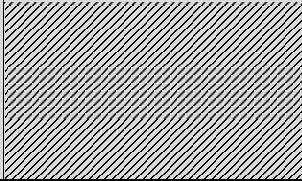
Data	States of matter		
	solid	liquid	gas
picture			
motion of particles	vibration	slip past neighbours	freely moving
properties	cannot be poured or easily compressed	can be poured	can be easily compressed

## Gridlock 1 – answers

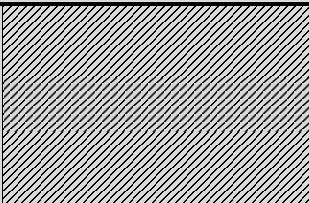
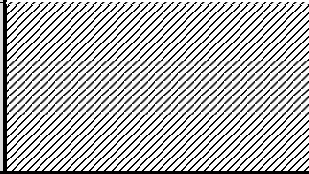
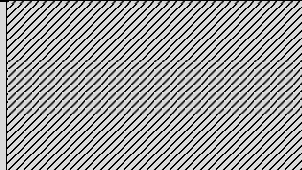
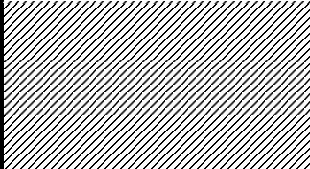
name		motion of particles	
liquid	gas		vibration
	solid	slip past neighbours	freely moving
vibration	slip past neighbours	gas	
freely moving		solid	liquid
motion of particles		name	

# gridlocks – can you unlock the grid?

## Gridlock 2 – answers

name		picture	
liquid			
gas	solid		
		solid	gas
		liquid	
picture	name		

## Gridlock 3 – answers

name		properties	
liquid		can be easily compressed	cannot be poured or easily compressed
gas	solid		can be poured
cannot be poured or easily compressed	can be easily compressed	liquid	
	can be poured	solid	gas
properties	name		