

# gridlocks – can you unlock the grid?

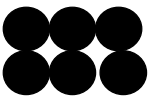
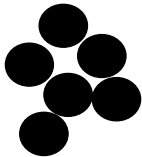
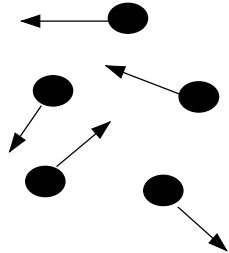
## States of matter 1

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

fixed size but no fixed shape

solid

far apart and irregular

Data	States of matter		
		liquid	gas
picture			
size & shape	fixed size and shape		no fixed size or shape
arrangement of particles	close together and regular	close together and irregular	

### Gridlock 1

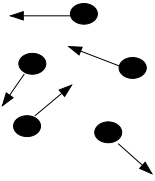
Each row, column and 2 x 2 box contains the three states of matter. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

name		particles arranged	
solid			<b>gridlocks</b>
	<b>gridlocks</b>		
	far apart and irregular	<b>gridlocks</b>	solid
<b>gridlocks</b>		liquid	
	particles arranged		name

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## Gridlock 2

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

name		picture	
liquid	gridlocks		
		gridlocks	
gridlocks		solid	
			gridlocks
picture		name	

## Gridlock 3

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

name		size & shape	
	solid		gridlocks
gridlocks			fixed size and shape
	no fixed size or shape	gridlocks	liquid
fixed size but no fixed shape	gridlocks		gas
size & shape		name	