Name _____ **Class** _____ **Date** _____

These statements are about solids, liquids and gases. Some of them are not correct.

1 Tick (✓) the boxes to show if they are true or false. Then write correct versions of the false statements.

		True	False
a	You can pour solids and liquids, but not gases.	☐	☐
	_____		
b	The particles in gases are further apart than the particles in liquids.	☐	☐
	_____		
c	Particles in solids do not move.	☐	☐
	_____		
d	Liquids can be compressed because the particles are close together.	☐	☐
	_____		
e	When a substance expands the particles in it get bigger.	☐	☐
	_____		
f	Particles in liquids and gases can move around.	☐	☐
	_____		
g	Particles in a solid vibrate more when the solid is heated.	☐	☐
	_____		
h	Particles in liquids and gases move more slowly when the substance is heated.	☐	☐
	_____		
i	Gases expand to fill their containers because there are strong forces between the particles.	☐	☐
	_____		
j	Solids do not change size when their temperature changes.	☐	☐
	_____		

I can…

- describe the properties of different states of matter
- explain the properties in terms of the particle model
- explain why materials expand and contract when the temperature changes.

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