Draw a particle model for each of the three states a of matter.		cle model for each of the three states a	List five physical properties of a solid.	List five physical properties of a liquid.	List five physical properties of a gas. 9
	solid			1.	1.
	liquid		4 5	4 5	4 5
	gas		Name an example of a solid:	Name an example of a liquid:	Name an example of a gas:
L					
Complete the diagram by writing the change of state represented by each arrow.			Use the particle diagrams you have drawn in question 1, and the words below, to complete the explanation of why a solid cannot be compressed but a gas can. Use all the words below to complete the explanation. solid compressed space particles gas	The properties below describe an unknown material. The material can flow. The material has a variable shape. Which state of matter is the material? Explain your answer.	Declan and Raj had been camping. The next h morning, the inside lining of the tent was wet. The overnight temperature was 6°C and it had not been raining. Explain what had happened.
			Complete this revision mat either on paper or in your book.	Amari suggests the material is a liquid. Explain how she might test whether the material has a fixed or variable volume.	

