**Particles**

Choose the **best** explanation to explain each statement. Some of the explanations match more than one statement.

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| **statement** | **because** | **explanation** |
| Solids have a fixed shape  Solids are usually more dense than liquids  or gases  Liquids have a fixed volume  Gases are easy to compress  A liquid evaporates when heated  A solid melts when heated  A gas condenses when cooled  A liquid freezes when cooled | because | the particles are closely packed  together  the particles are spread far apart  the particles lose energy and  move closer together  solid particles are more closely packed  together than liquid or gas particles  the particles move around but stay  close together  the particles gain energy and move  around more  the particles cannot move around,  but only vibrate |