



Comparing the particles



Put each description with its corresponding state

| | Solid | Liquid | Gas |
|-------------------|-------|--------|-----|
| Particle movement | | | |
| Forces | | | |
| When heated | | | |

Particles move at high speeds in random directions

Forces bond particles to fixed positions

Particles are bonded but not confined to a rigid structure

Strong forces of attraction between all particles

When heated, particles can break away from the others

When heated, the particles gain enough energy to break away from the structure

Particles vibrate about a fixed position

When heated, particles gain kinetic energy and move faster

Pressure is caused by particle collisions