

Name:

Grade:

### States of matter-Worksheet

1. The distance between particles increases the attractive forces between particles -----
2. Solid is matter that has -----shape and -----volume
3. A liquid is matter with -----volume but - ----- shape
4. The strong attractive forces lead to -----motion of the particle
5. Diamond is an example of crystalline solid because it has particle arranged in a -----
6. Charcoal is an example of an amorphous solid because it has particles arranged in a -----
7. Measurement of a liquid's resistance to flow is -----
8. As a liquid becomes warmer, its viscosity -----
9. -----, the uneven forces acting on the particles on the surface of a liquid
10. Crystalline solids are ----- whereas amorphous solids are -----

