

Name _____ Date _____

Matter "A-maze-ment"

Lily Liquid is caught in a very uncomfortable container! In order to rescue her, Matter Man must brave his way through the maze.

Listed below are properties describing each state of matter. Decide whether the property describes a solid, a liquid, or a gas. Beginning at START, find the letter for each property that describes a liquid. Then draw a line to connect your answers as Matter Man works his way through the maze.

- | | |
|--|--|
| _____ A. It feels wet. | _____ H. It spreads out to fill whatever space there is. |
| _____ B. It keeps its own shape. | _____ I. It usually cannot be seen, felt, or smelled. |
| _____ C. Like solids, it has a definite volume. | _____ J. It has no shape without a container to hold it. |
| _____ D. Similar to liquids, it has no shape of its own. | _____ K. Like liquids, it has a definite volume. |
| _____ E. It takes energy to change its shape. | _____ L. It can be poured. |
| _____ F. It takes the shape of its container. | _____ M. It does not have a definite volume. |
| _____ G. It flows freely. | _____ N. It has a definite shape. |

