

Matter and materials

Name: _____

Solid

Think of your favourite solid object and answer the following questions:

1. Can you touch the solid? _____
2. Can you feel the solid? _____
3. Can you see the solid? _____
4. Can the solid break easily? _____
5. Can you put things through it? _____
6. Does it change shape when you put it in a glass? _____
7. In the shape of the mark made on this thing, the solid? _____

A solid does not change shape and stays in place. These solid will take up definite space.

Liquid

Think of water and answer the following questions:

1. What shape water usually is? _____
2. Has your hand had to touch anything else? _____
3. Can the shape of the liquid change when you poured it into a glass? _____
4. What happened to the water when you put it in the same place? _____

A liquid does not hold its own shape, it takes the shape of the glass and it takes up the shape of the container itself.

Gas

Think of an inflated object and answer the following questions:

1. Can you touch the balloon when it's inflated? _____
2. What do you do to let out of the balloon, can you catch the air? _____
3. Can you touch the air? _____
4. Can you see the air? _____

A gas does not hold its own shape, it takes up all the space available and it has no definite shape.

