

Solids

The particle energy level
in a solid object is...

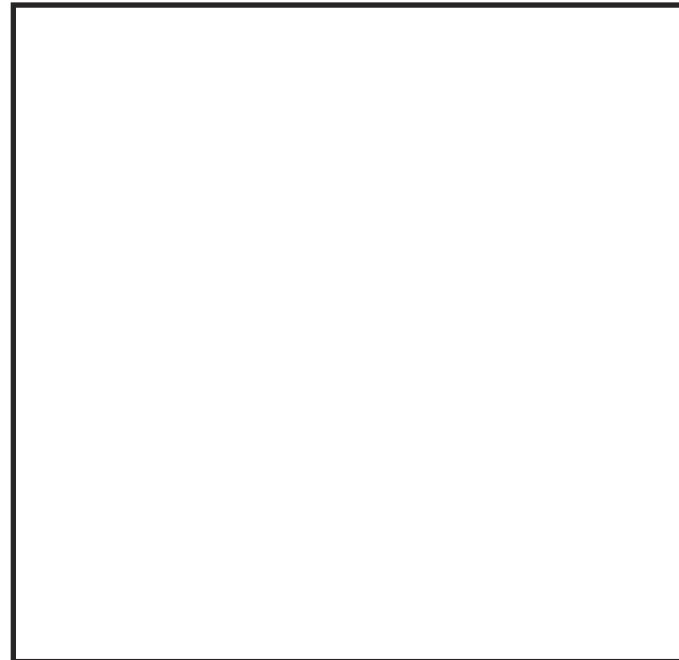
The typical density in
a solid object is...

3 properties of a solid are:

1. _____
2. _____
3. _____

3 examples of a solid are:

1. _____
2. _____
3. _____



Draw the particle arrangement in a typical solid.

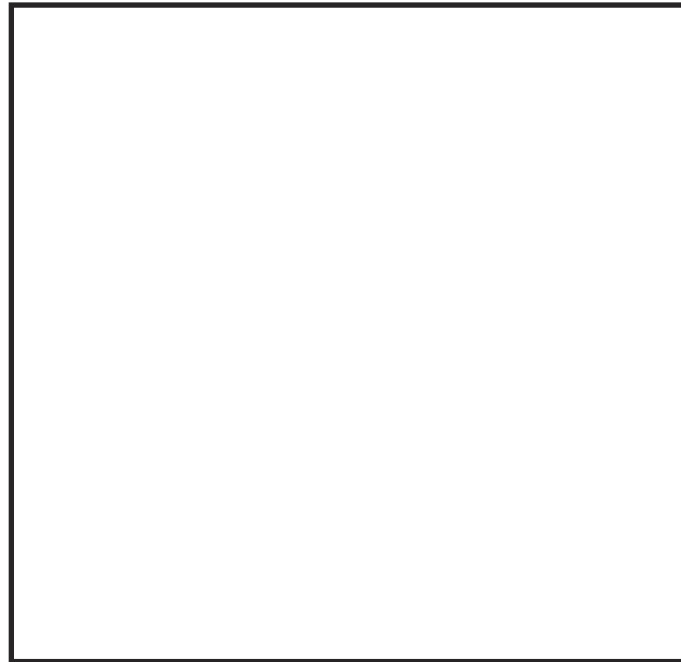
Solids are used for...

Liquids

The particle energy level
in a liquid object is...

3 properties of a liquid are:

1. _____
2. _____
3. _____



Draw the particle arrangement in a typical liquid.

The typical density in
a liquid object is...

3 examples of a liquid are:

1. _____
2. _____
3. _____

Liquids are used for...

Gases

The particle energy level
in a gas object is...

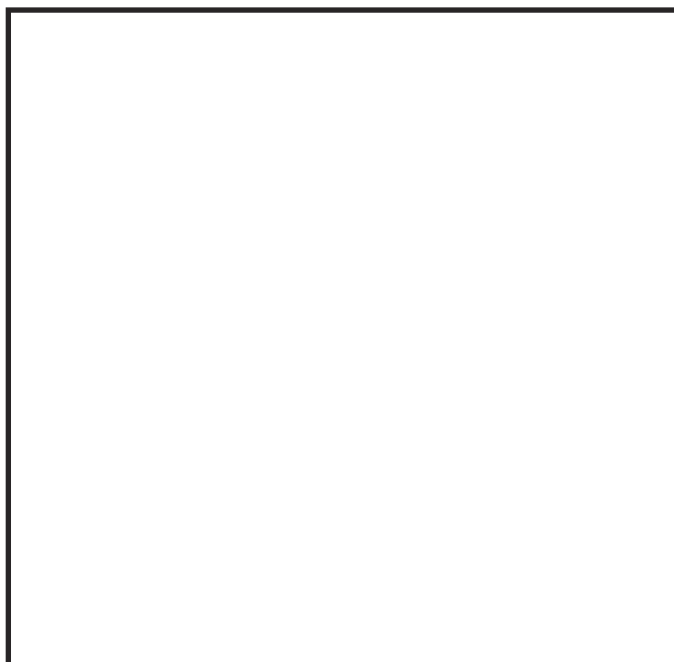
The typical density in
a gas object is...

3 properties of a gas are:

1. _____
2. _____
3. _____

3 examples of a gas are:

1. _____
2. _____
3. _____



Draw the particle arrangement in a typical gas.

Gases are used for...

Solids, Liquids and Gases Posters Answers

The particle energy level
in a solid object is...

low

The typical density in
a solid object is...

high

3 properties of a solid are:

1. **fixed shape / volume**
2. **hard and strong**
3. **cannot be squashed**

3 examples of a solid are:

1. **any wood, metal, stone, plastic, glass object...**
2. **objects e.g. jelly, fruit.**
3. **e.g. book, wax, clothing**

Solids are used for...

**providing structure or support
e.g. as building materials**

The particle energy level
in a liquid object is...

medium

The typical density in
a liquid object is...

medium

3 properties of a liquid are:

1. **not easily squashed**
2. **flows / takes shape of container**
3. **fixed volume**

3 examples of a liquid are:

1. **water**
2. **drinks**
3. **cleaning fluids**

Liquids are used for...

**pouring into small spaces,
making products from moulds**

The particle energy level
in a gas object is...

high

The typical density in
a gas object is...

low

3 properties of a gas are:

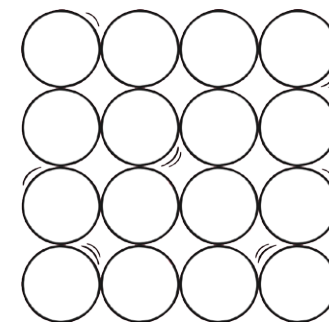
1. **can be squashed**
2. **no fixed volume**
3. **no fixed shape**

3 examples of a gas are:

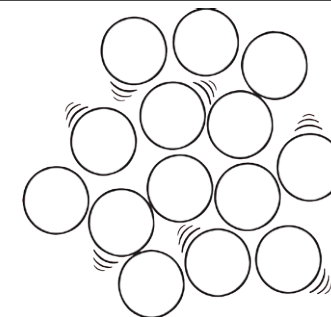
1. **air**
2. **oxygen**
3. **carbon dioxide**

Gases are used for...

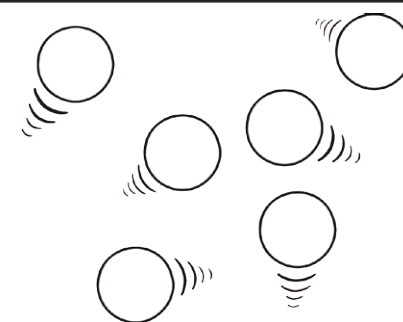
**filling balloons, filling objects
to provide insulation
e.g. double glazing units**



Particle arrangement in a typical solid.



Particle arrangement in a typical liquid.



Particle arrangement in a typical gas.