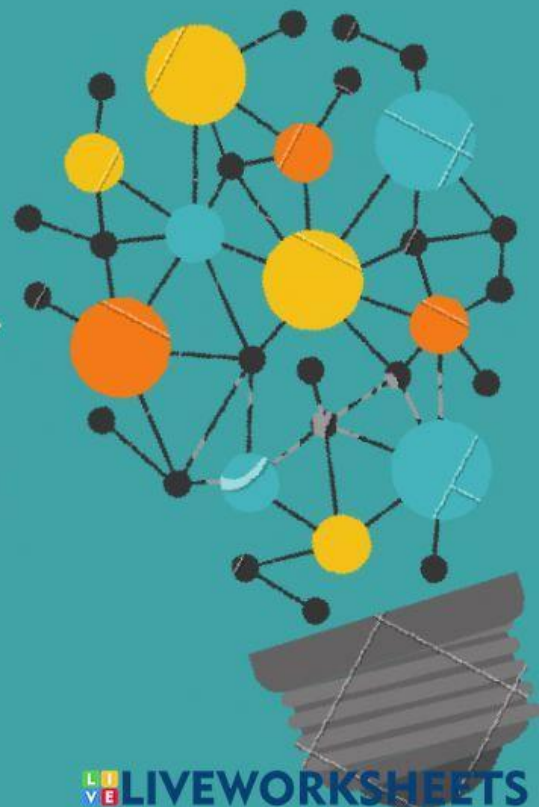


UNIT 4 - Matter

PROPERTIES OF MATERIALS

Different materials have different properties.

PHYSICAL PROPERTIES, SOLUBILITY AND THERMAL CONDUCTIVITY.



PROPERTIES OF MATERIALS

Join the property with the characteristic of the material.

Difficult to scratch or cut



Hard

Go back to the original shape



Soft

Easy to scratch or cut



Fragile

Difficult to break



Tough

Easy to break



Plastic

Easy to bend

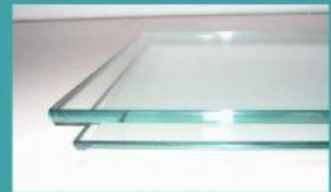


Elastic

What is the material?













Decide if the materials are soluble or insoluble.



Soluble



Insoluble



Alphabet soup.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G | N | A | O | P | R | O | P | E | R | T | I | E | S |
| P | M | A | S | S | R | O | P | S | I | N | E | C | V |
| C | Z | L | N | Q | I | N | S | U | L | A | T | O | R |
| O | G | O | R | S | M | M | Q | E | I | K | J | R | E |
| Q | X | C | Y | P | A | E | Q | A | Q | V | I | C | L |
| V | C | S | O | L | I | D | N | Y | U | D | Y | O | B |
| Y | Q | N | K | Q | X | Y | M | H | I | V | Z | N | H |
| X | E | P | G | I | N | A | W | E | D | O | P | D | W |
| F | N | R | W | T | W | G | R | X | F | L | F | U | P |
| I | J | E | K | B | S | Y | H | M | M | U | X | C | N |
| A | I | M | L | B | U | O | Z | Z | F | M | L | T | U |
| Z | T | R | Y | C | H | A | N | G | E | E | Y | O | Q |
| C | O | N | D | U | C | T | I | V | I | T | Y | R | O |
| K | W | G | A | S | X | H | G | U | J | P | M | N | R |