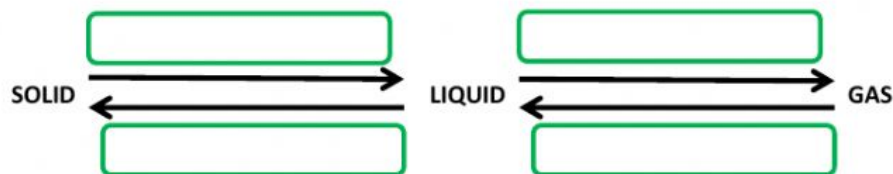


1. Choose the correct option for the following materials:

|         | Waterproof/<br>Absorbant | Flexible/<br>Rigid | Transparent/<br>Opaque/Translucent | Strong/<br>Weak | Conductors/<br>Insulators | Soluble /<br>Not<br>Soluble |
|---------|--------------------------|--------------------|------------------------------------|-----------------|---------------------------|-----------------------------|
| Metal   |                          |                    |                                    |                 |                           |                             |
| Glass   |                          |                    |                                    |                 |                           |                             |
| Wood    |                          |                    |                                    |                 |                           |                             |
| Plastic |                          |                    |                                    |                 |                           |                             |
| Rubber  |                          |                    |                                    |                 |                           |                             |
| Fabric  |                          |                    |                                    |                 |                           |                             |
| Paper   |                          |                    |                                    |                 |                           |                             |
| Salt    |                          |                    |                                    |                 |                           |                             |
| Sugar   |                          |                    |                                    |                 |                           |                             |
| Rock    |                          |                    |                                    |                 |                           |                             |

2. Complete the following diagram:



3. Complete with High, Medium or Low.

|        | Movement of molecules | Temperature |
|--------|-----------------------|-------------|
| Solid  |                       |             |
| Liquid |                       |             |
| Gas    |                       |             |



4. Complete the table with the different masses.

|        | MASS |
|--------|------|
| SHELLY |      |
| ANGUS  |      |
| NAN    |      |
| BUZZ   |      |
| DOT    |      |
| JAY    |      |
| KALVIN |      |
| WES    |      |

5. Complete the following sentences: *soluble, flexible, transparent, insulator, strong, absorbant, translucent, opaque.*

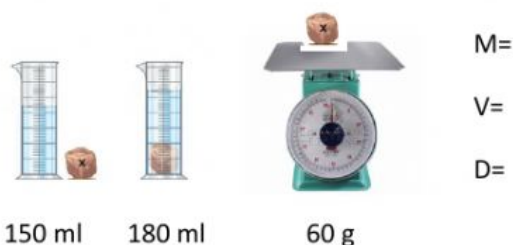
- Materials that let light pass through are \_\_\_\_\_.
- Materials that let some light pass through are \_\_\_\_\_.
- Materials that do not let light pass through are \_\_\_\_\_.
- Materials that are difficult to break are \_\_\_\_\_.

- Materials that are easy to bend are \_\_\_\_\_.
- Materials that can be dissolved in a liquid are \_\_\_\_\_.
- Materials that let water pass through are \_\_\_\_\_.
- Materials that do not let electricity or heat pass through are \_\_\_\_\_.

2. Match the columns:

- |                 |                  |
|-----------------|------------------|
| • Solid=>Liquid | - Evaporation    |
| • Gas=>Liquid   | - Solidification |
| • Liquid=>Solid | - Melting        |
| • Liquid=>Gas   | - Condensation   |

3. Calculate the density of the following rock. Will it sink or float in the water?



4. Complete the table.

|                   |                                   |  |
|-------------------|-----------------------------------|--|
| <b>Name</b>       |                                   |  |
| <b>Definition</b> | It is made of only one component. | It is made of more than one component. |
| <b>Example</b>    |                                   |  |

5. Match the definitions with the name of the process.

- |   |                 |
|---|-----------------|
| • Separating solid+solid / liquid+solid.                  | A) Distillation |
| • Separating liquid+solid by heating the liquid.          | B) Soluting     |
| • Separating liquid+liquid by evaporation & condensation. | C) Evaporation  |
| • Separating solid+solid by dissolving one of them.       | D) Filtration   |

6. Complete the table with the name of a chemical reaction.

|   |   |  |
|---|---|--|
|   |   |  |
| Substance+oxygen are transformed into rust. | Bacteria/yeast with no oxygen are transformed into a new substance. | Substance+oxygen are transformed into ashes. |