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

- **Materials that let light pass trough 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?



150 ml



180 ml



60 g

M=

V=

D=

4. Complete the table.

Name		
Definition	It is made of only one component.	It is made of more than one component.
Example		

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) Solluting
• Separating liquid+liquid by evaporation & condensation.	C) Evaporation
• Separating solid+solid by dissolving one of them.	D) Filtration

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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.

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