

Name: \_\_\_\_\_

Date: \_\_\_\_\_

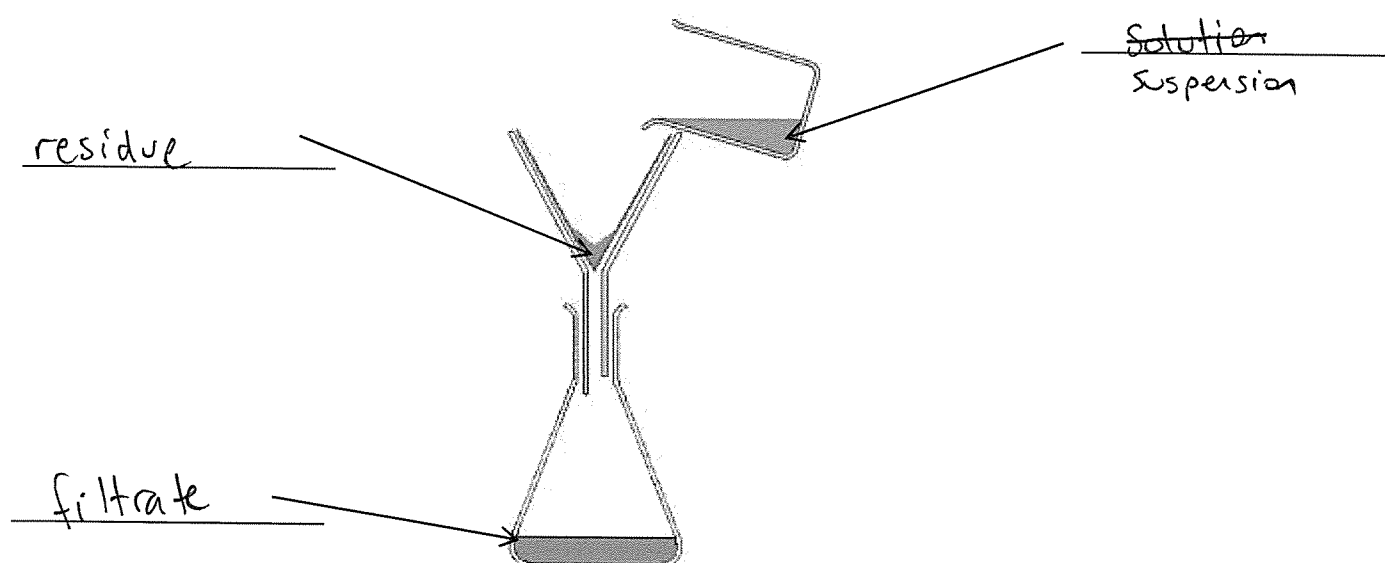
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## Year 7 Chemistry Vocabulary Test

You will need to use the following words to label the diagrams, some words may be used twice and others may not be used at all

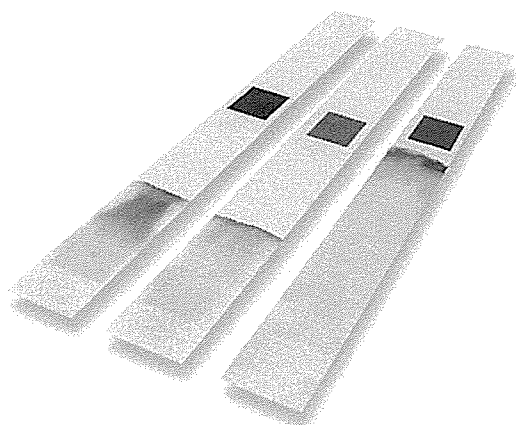
~~filtrate~~, ~~chromatography~~, ~~sediment~~, ~~magnet~~, ~~residue~~, ~~solution~~, ~~condensation~~,  
~~distillation~~, ~~evaporation~~, ~~decanting~~, ~~solution~~, ~~distillate~~, ~~filtration~~, ~~suspension~~,  
~~centrifuging~~

What is the process below called? filtration



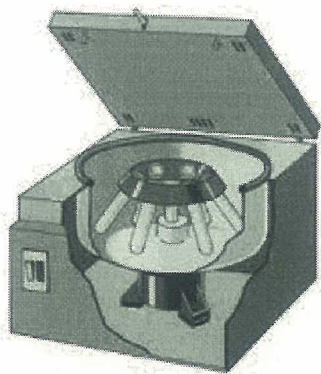
What separation process could produce the results below?

Chromatography



What separation technique is being demonstrated below? magnetic ~~se~~





The machine to the left spins the test tubes very fast. What separation technique is this machine designed for? centrifuging

Which separation process is the equipment to the right used for?

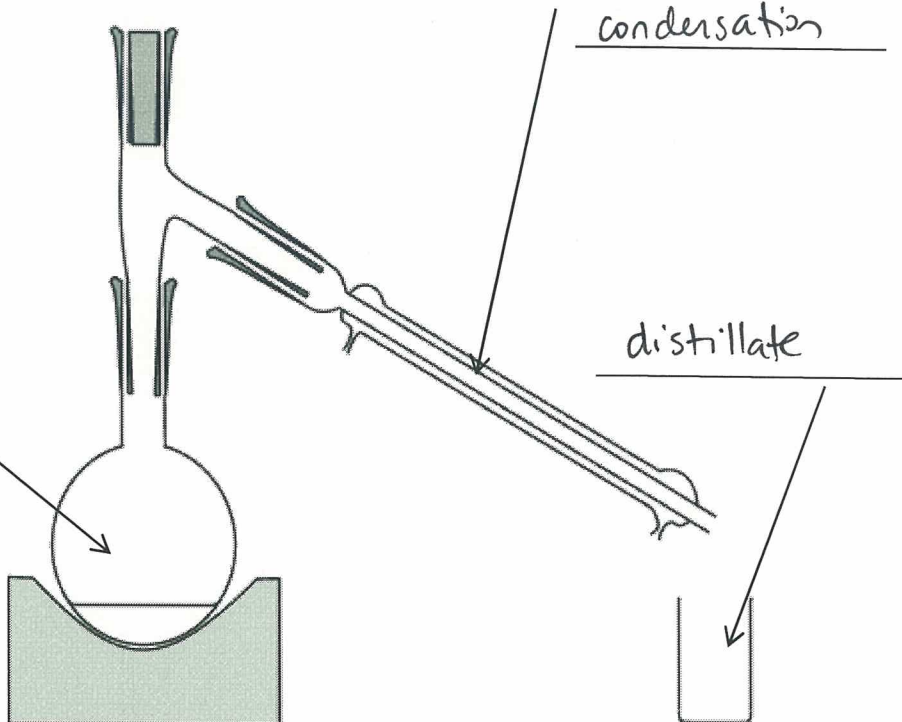
distillation

What process is occurring here?

condensation

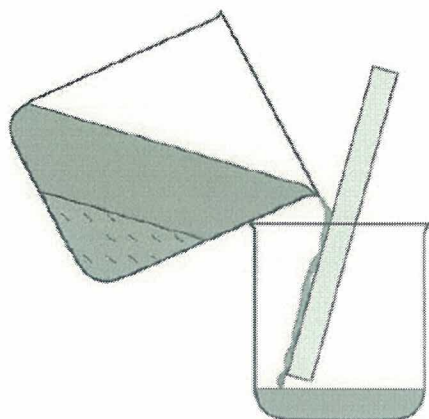
What process is occurring here?

evaporation



What is the process below called? decanting gravity separation

What type of mixture is this technique useful for? suspension



Write the number of the correct definition in the box next to each term.

- |   |              |  |
|---|--------------|--|
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">5</div>  | Concentrated | 1. ✓ A substance that is able to dissolve in another. <i>Substance</i>                                   |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">13</div> | Solvent      | 2. ✓ A mixture made of particles smaller than that in a suspension, but larger than those in a solution. |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">2</div>  | Colloid      | 3. ✓ The substance in which a solute dissolves.  |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">6</div>  | Insoluble    | 4. ✓ A mixture of a liquid in a liquid. The liquids don't dissolve in each other                         |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">11</div> | Saturated    | 5. ✓ A lot of solute dissolved in a little solvent.  |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">1</div>  | Soluble      | 6. ✓ A substance that cannot dissolve.   |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">9</div>  | Solute       | 7. ✓ Light can pass through, you can see through it.   |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">12</div> | Colourless   | 8. ✓ A substance made from two or more pure substances.  |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">4</div>  | Emulsion     | 9. ✓ The substance that <del>does the</del> <sup>is being</sup> dissolving <sup>ed</sup> .               |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">10</div> | Dilute       | 10. ✓ Little solute dissolved in a lot of solvent.   |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">8</div>  | Mixture      | 11. ✓ What a solution is called when the <sup>solute</sup> solvent will no longer dissolve in it.        |
| <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; text-align: center; line-height: 30px;">7</div>  | Clear        | 12. ✓ Has no colour.   |