

EP6 Science Quiz  
**Mixture Separation**

Fill in the blank using the word bank below.

You can use answers more than one time!

distillation      filtration      evaporation      sifting      filtrate      sieve  
filter      condenser      distillate      flask      thermometer      residue      particles

1. \_\_\_\_\_ is usually paper.
2. \_\_\_\_\_ is glass equipment used in a science laboratory.
3. \_\_\_\_\_ is boiling a liquid until it changes into a gas, then back to liquid.
4. \_\_\_\_\_ and \_\_\_\_\_ are equipment that will let some substances through but others stay.
5. \_\_\_\_\_ is a substance that has passed through a filter.
6. \_\_\_\_\_ is equipment that cools gas into liquid.
7. \_\_\_\_\_ is separation of different-sized solids.
8. \_\_\_\_\_ is when particles leave the liquid surface and become gas.
9. \_\_\_\_\_ is separation when liquid passes through but the solid stays.
10. \_\_\_\_\_ is the substance that has gone through the condenser.
11. \_\_\_\_\_ is equipment used for sifting.
12. \_\_\_\_\_ is a small amount of substance left after the main part is gone.
13. \_\_\_\_\_ and \_\_\_\_\_ are separation when smaller particles fall and larger particles stay.
14. \_\_\_\_\_ are different-sized and move faster with heat/slower with coldness.
15. \_\_\_\_\_ happens naturally all of the time.
16. \_\_\_\_\_ is equipment used to measure temperature.

Write sentences about how you would separate each mixture.



Water and lemon juice with fruit and sugar -

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fruit and nuts -

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oil and water with sand -

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