

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 -



fruit and nuts -



oil and water with sand -
