



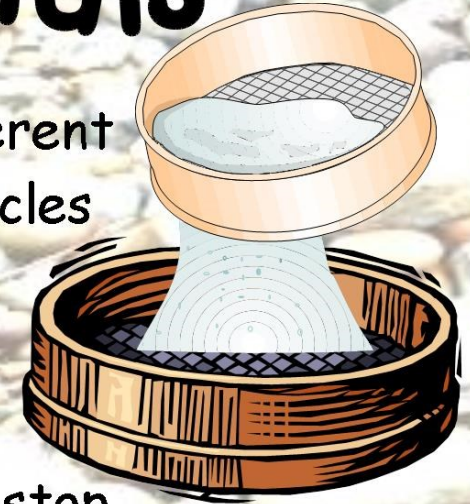
Separating Materials

To separate soluble materials (ones that **dissolve**) such as salt from water we need **evaporation** where water turns to **vapour** (gas), leaving behind just the salt.



If the material is **insoluble** such as sand, we can use filter paper to catch the sand leaving the just water to filter through.

To separate different sized larger particles such as pebbles and stones, we can use sieves.



Large mesh sizes stop large objects, letting smaller ones fall through.

Magnets can also be used to separate **magnetic** materials such as iron and steel.





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Like a sieve, paper to saving the paper through.



Magnets can also be used to separate magnetic materials such as iron and steel.



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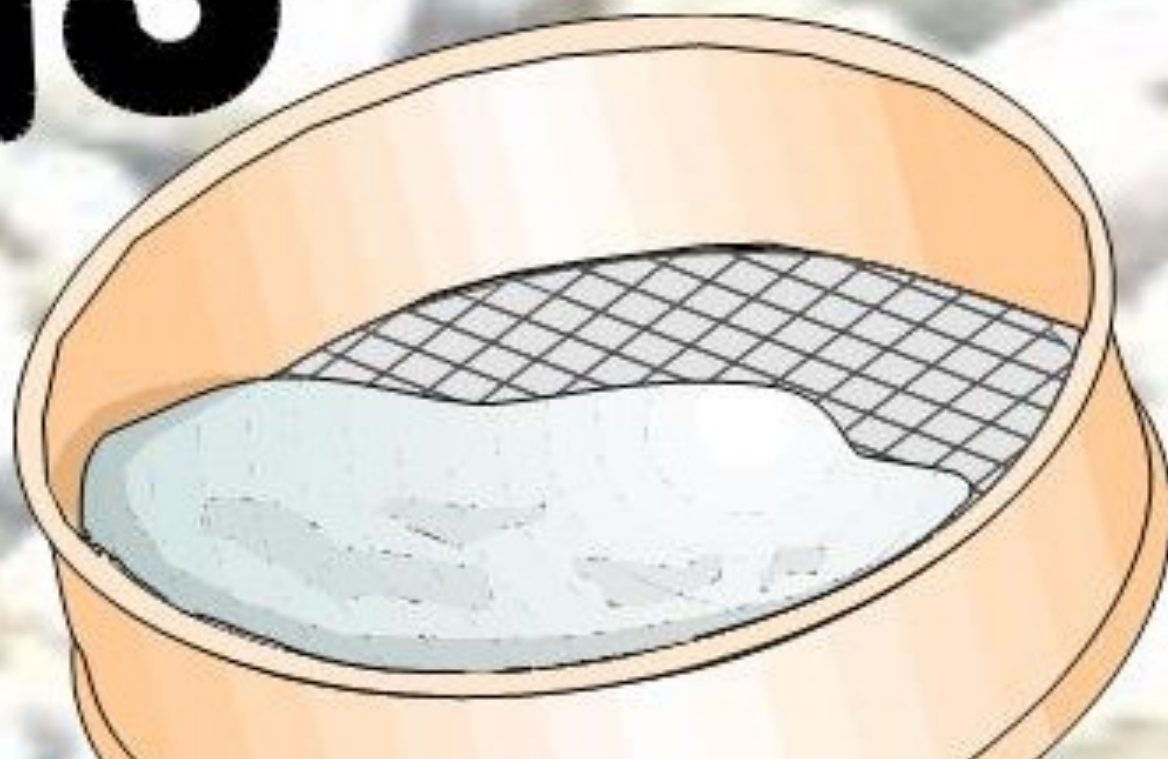
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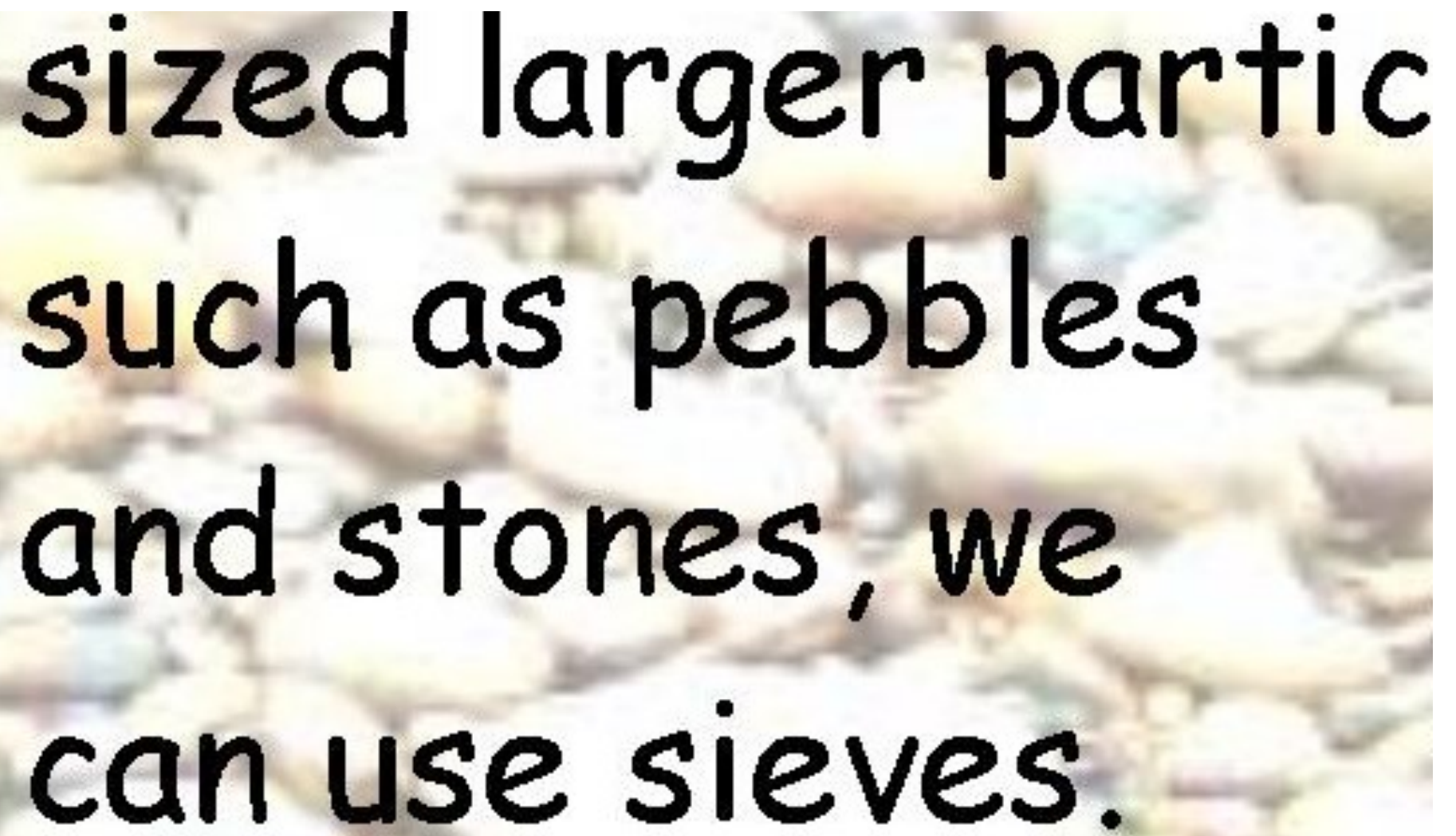




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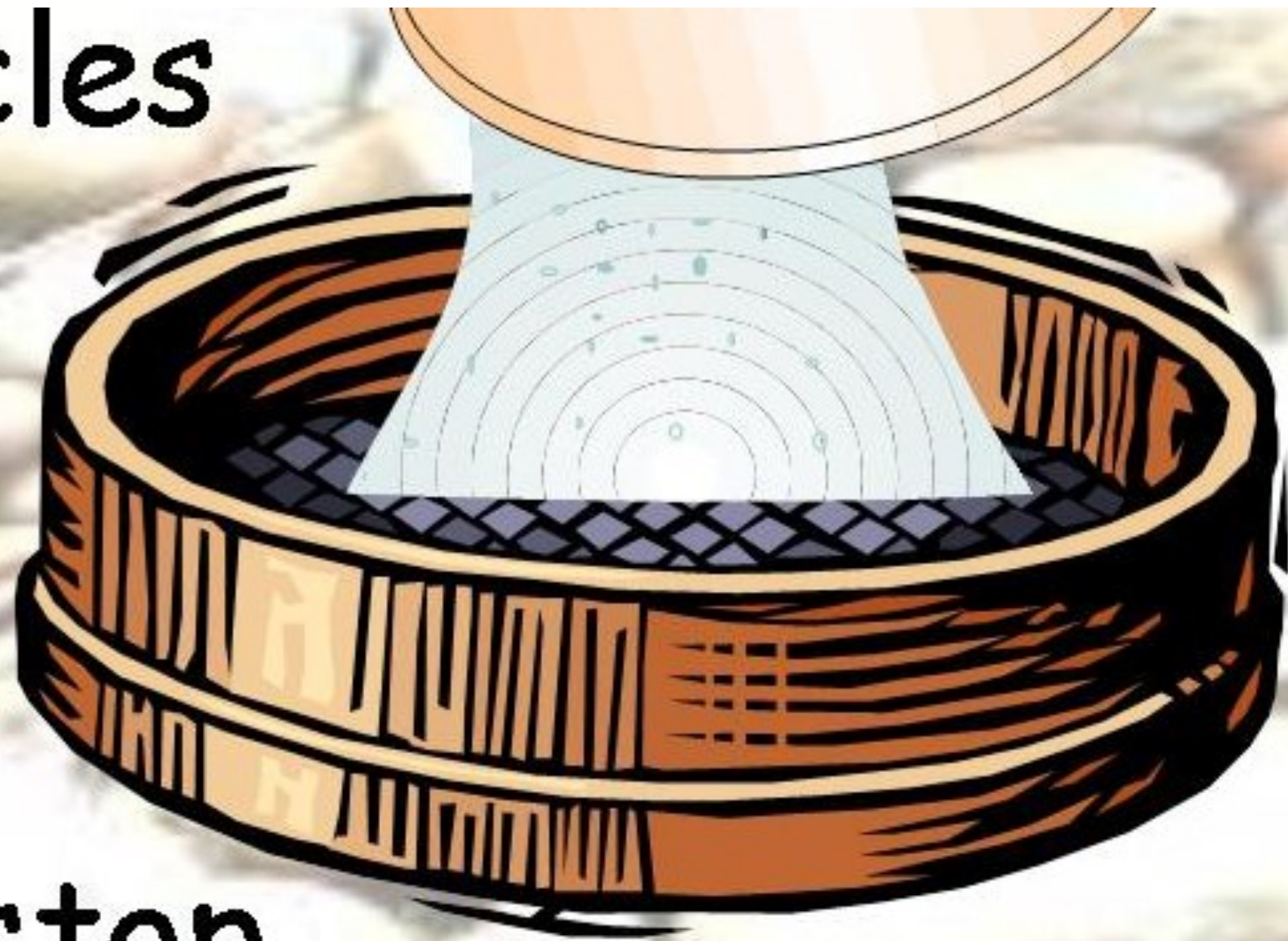




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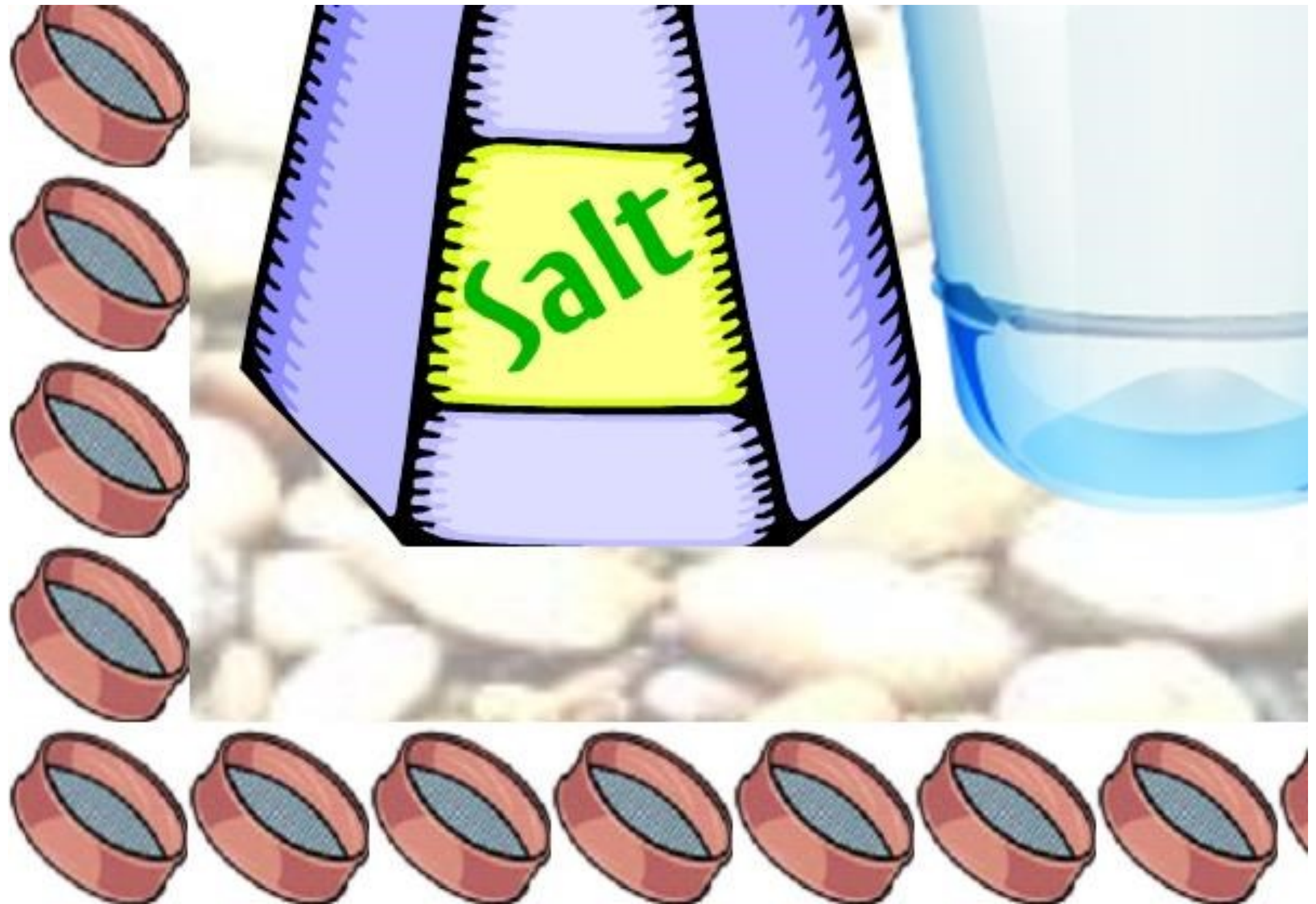
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