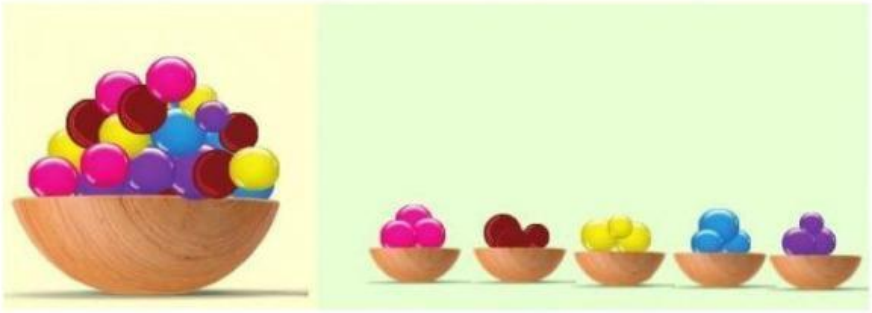
Separating Mixtures

Using equipment

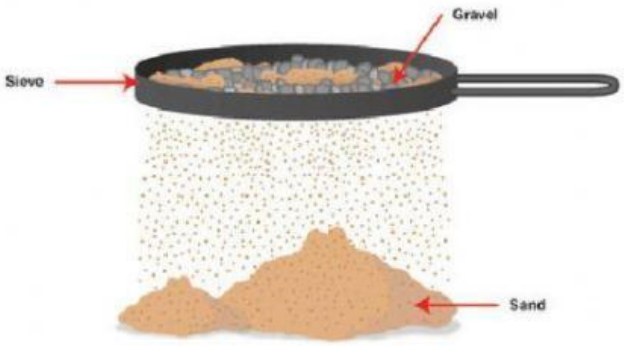
When two or more materials are mixed together it is called a ***mixture***.

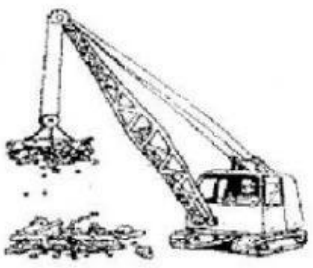


Some mixtures can be separated ***by hand***, but this is very slow.



On the right, an ***equipment*** is used to separate sand from gravel. It has many small holes for the soil to fall through. The gravels are too big to go through the holes. This piece of equipment is called a ***sieve***. Using the right equipment makes separating mixtures much faster.





This ***magnet*** is separating a mixture of different metals. When materials are made into a mixture the properties of each material do not change. Some of the metal in this mixture is ***magnetic*** and some is ***non-magnetic***.

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Look at these mixtures. How can you properly separate each material?

1. a mixture of paper and clips



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2. a mixture of cereals



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3. a mixture of sand and pebbles



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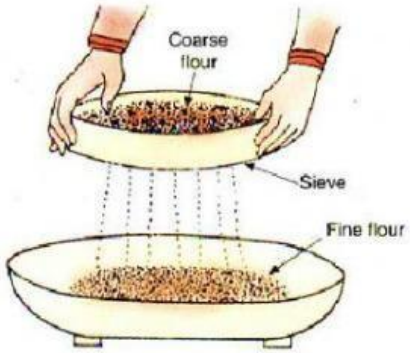
4. a mixture of garbage



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5. a mixture of course and fine flour



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6. a mixture of rice and small stones



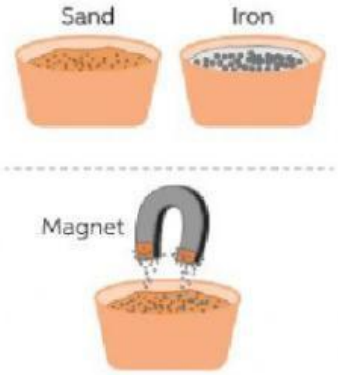
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7. a mixture of rice and sugar



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8. a mixture of iron powder and sand



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