

Name: _____ Date: _____

Separation of Substances

Q1. Fill in the blanks.

- i. We can remove small stones from pulses before cooking by _____.
- ii. The process of separating a liquid from solid sediment is called _____.
- iii. The method of separating seeds of paddy from its stalks is called _____.
- iv. When milk, cooled after boiling, is poured onto a piece of cloth the cream (malai) is left behind on it. This process of separating cream from milk is an example of _____.
- v. Salt is obtained from seawater by the process of _____.
- vi. Impurities settled at the bottom when muddy water was kept overnight in a bucket. The clear water was then poured off from the top. The process of separation used in this example is called _____.
- vii. _____ method is used to separate stones from grains.
- viii. Husk from wheat can be separated by _____.
- ix. _____ is used to remove impurities and bran from the flour.
- x. The two liquids that do not mix with each other can be separated by _____.
- xi. Salt is obtained from _____.
- xii. We see water drops under the plate that has been used to cover a container containing milk that has just been boiled. This is due to process of _____.

Q2. Which method would you prefer to separate solid dissolved in liquid?

Ans. _____

Separation of Substances

Q1. Fill in the blanks.

- i. We can remove small stones from pulses before cooking by handpicking.
- ii. The process of separating a liquid from solid sediment is called decantation.
- iii. The method of separating seeds of paddy from its stalks is called threshing.
- iv. When milk, cooled after boiling, is poured onto a piece of cloth the cream (malai) is left behind on it. This process of separating cream from milk is an example of filtration.
- v. Salt is obtained from seawater by the process of evaporation.
- vi. Impurities settled at the bottom when muddy water was kept overnight in a bucket. The clear water was then poured off from the top. The process of separation used in this example is called sedimentation and decantation.
- vii. Hand picking method is used to separate stones from grains.
- viii. Husk from wheat can be separated by decantation.
- ix. Sieving is used to remove impurities and bran from the flour.
- x. The two liquids that do not mix with each other can be separated by decantation.
- xi. Salt is obtained from sea water.
- xii. We see water drops under the plate that has been used to cover a container containing milk that has just been boiled. This is due to process of condensation.

Q2. Which method would you prefer to separate solid dissolved in liquid?

Ans. Evaporation