

1. Match the methods of separation to the descriptions and examples.

Evaporation

The mixture is passed through a filter. The solid particles are trapped in the filter, but the liquid particles pass through.

Separating alcohol from water

Distillation

The mixture is heated. The liquid evaporates, and the solid remains in the recipient.

Separating salt from water

Filtration

The mixture is heated. One of the liquids begins to evaporate and the other liquid remains in the recipient.

Separating sand from water

2. Order the steps of dissolution.

___ Filter the mixture to separate the soluble solid from the insoluble one.

___ Add water to the mixture to dissolve the soluble solid.

___ Evaporate the remaining solution to separate the soluble solid from the water.