

5TH GRADE MIXTURE AND SEPARATION METHODS WORKSHEET

1. Write the right type of mixture: Homogeneous or Heterogeneous

















2. Write the separation method name: Evaporation, Distillation, Filtration, Sieving, Decanting.
Then sequence the images from 1 to 3:

SEPARATION METHOD:



SEPARATION METHOD:



SEPARATION METHOD:



3. Write the correct terms for these definitions. Solution, Colloid, Suspension

- Homogeneous mixture that cannot be filtrated and that has a clear appearance. _____
- Heterogeneous mixture that has particles that will settle and separate over time. _____
- Heterogeneous mixture with medium particles that will not settle and separate over time. _____

4. Match each separation to its application.

Evaporation	Extraction of salt from seawater
Distillation	Making coffee
Sieving	Removal of minerals from water to purify it
Decanting	A step in waste water treatment plants
Filtration	Cement preparation for construction

5. Read the mixtures and write the best way to separate the mixture: Evaporation, Distillation, Filtration, Sieving, Decanting.

- ROCK + WATER= _____
- WATER+INK= _____
- SALT+WATER= _____
- DIRT+WATER= _____
- ROCKS+SAND= _____

