PRIMARY ENGAGEMENT PROGRAMME

GRADE SIX WORKSHEET TERM 3

SUBJECT: SCIENCE

REVIEW WEEK 4

Name: ___________________________ Date: ___________________________
TOPICS: MIXTURES

METHODS OF SEPARATING MIXTURES

ANSWER ALL QUESTIONS

1. A mixture is combination of ________________.
   a. Two or more substances
   b. Inseparable substances
   c. Both a and b
   d. None of the above.

2. In a homogeneous mixture
   a. Substances cannot be distinguished.
   b. Solute dissolves in a solvent
   c. Substances can be distinguished
   d. Both a and b.

3. Solid is to ________________ as liquid is to ________________.
   a. Solvent/ solvent
   b. Solute /solvent
   c. Solute / solution
   d. Solute/ solute.

4. Choose the heterogeneous mixture.
   a. Colloid
   b. Suspension
   c. Emulsion
   d. All of the above.

5. Which mixture is a colloid?
   a. Ink
   b. Oil+water
6. Which method is best suited for separating sugar from a sugar water solution?
   a. Filtration
   b. Evaporation
   c. Sieving
   d. None of the above.

   **Study the diagram below then answer the questions.**

7. The diagram illustrates ____________________________

8. This method uses a _____________________________ to trap the insoluble particles.

9. Label the diagram above correctly.

10. Identify one mixture that can be separated by this method. ____________________________

11. Define the following terms.
a. Solvent

b. Suspension

c. Emulsion

d. Soluble

e. Insoluble

f. Separation method.

g. Colloid

h. Sieving

12. State two reasons why a mixture is different from a compound.

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________