

Solvent & Solute Identification Practice

For each of the following mixtures, identify the solvent and solute.

1) Water and Sand

A) Solvent:

B) Solute:

2) Pepper and Oil

A) Solvent:

B) Solute:

3) Ink and Rubbing Alcohol

A) Solvent:

B) Solute:

4) Food Coloring and Water

A) Solvent:

B) Solute:

5) Water and Salt

A) Solvent:

B) Solute:

6) Chocolate Syrup and Milk

A) Solvent:

B) Solute:

7) Milk and Cookies

A) Solvent:

B) Solute:

8) Water and Baking Soda

A) Solvent:

B) Solute:

9) Milk and Flour

A) Solvent:

B) Solute:

10) Sawdust and Milk

A) Solvent:

B) Solute:

11) Salsa and Chips

A) Solvent:

B) Solute:

12) Rocks and Oil

A) Solvent:

B) Solute:

13) Vanilla and Milk

A) Solvent:

B) Solute:

14) Hot Chocolate Mix and Water

A) Solvent:

B) Solute:

Solution & Suspension Identification Practice

Tell whether each example describes a solution or a suspension.

15) A white powder disappears when placed in a green liquid.

16) A brown powder floats to the top of a blue liquid.

17) A green liquid floats on top of a clear liquid.

18) A yellow powder sinks to the bottom of a clear liquid.

19) A green liquid disappears when poured into a clear liquid.

20) A red powder turns a clear liquid an even shade of red.

21) A yellow liquid floats on top of a blue liquid.

22) A red liquid forms bubbles in a clear liquid.

23) A white cube sinks to the bottom of a clear liquid, but after 4 hours disappears.

24) A yellow cube floats on top of a clear liquid, but disappears when shaken.