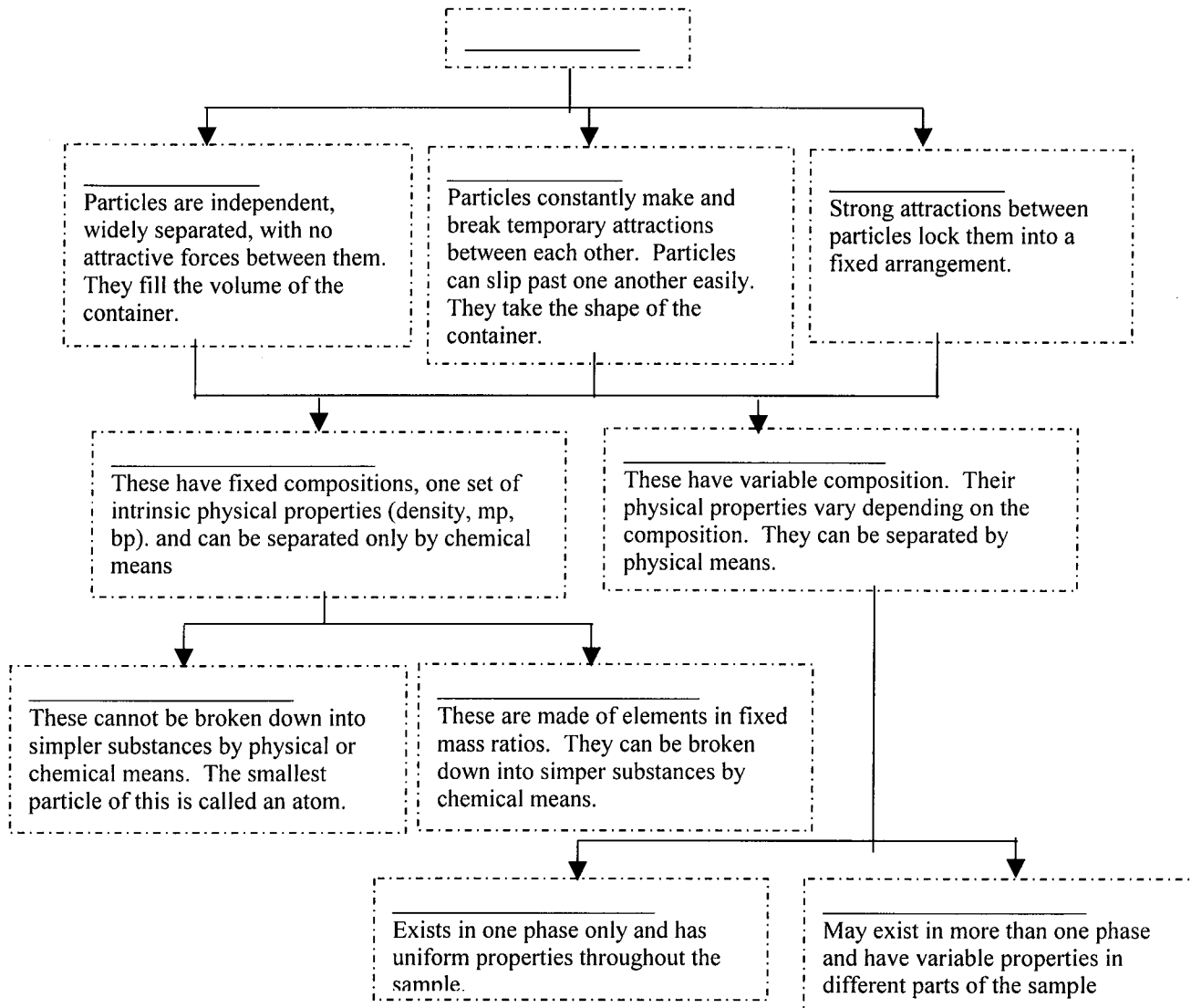


# Unit 4 – Review

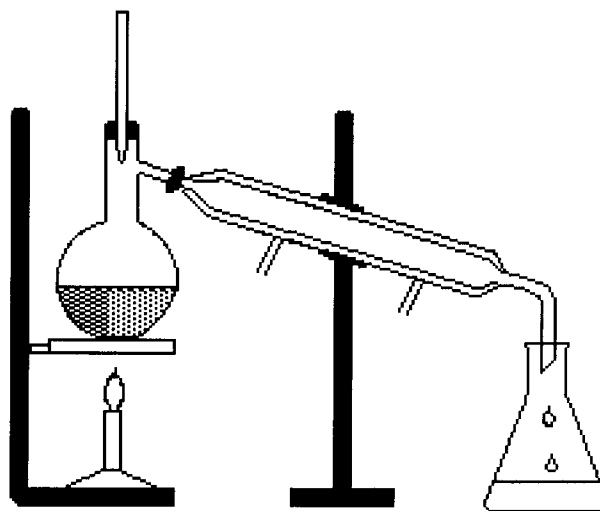
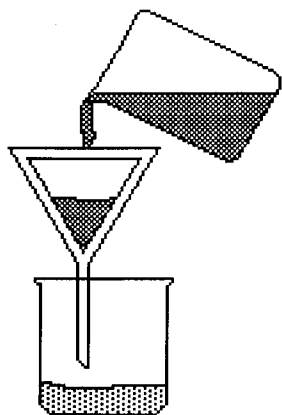
Fill in the blanks in the table with the words in the list below.



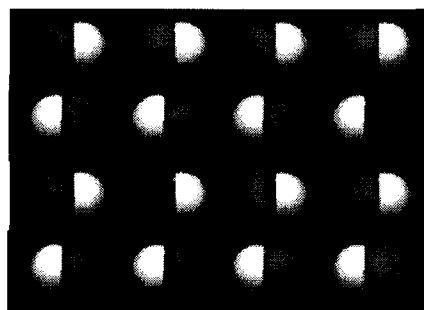
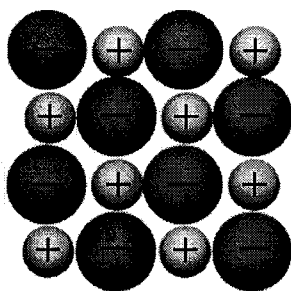
Heterogeneous  
Matter  
Pure Substance  
Elements  
Homogeneous

Liquid  
Solid  
Mixtures  
Compounds  
Gases

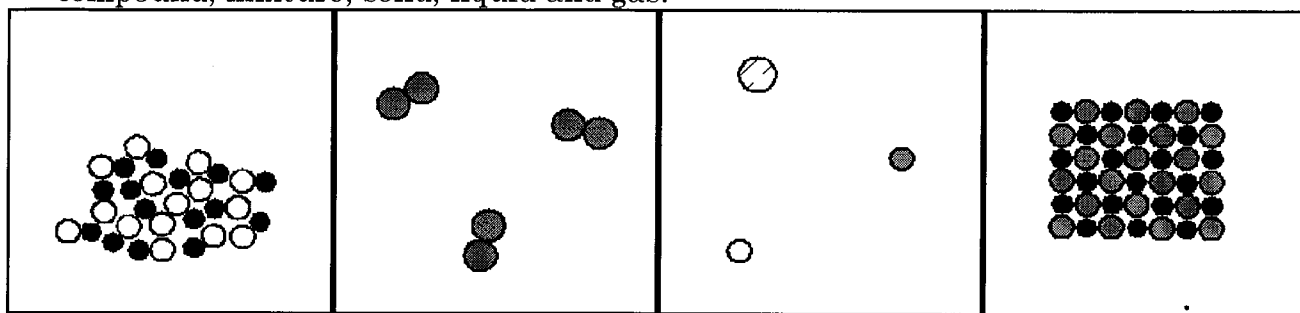
6. Identify the separation techniques pictured below. Which technique would be useful to separate a mixture of sand and salt? Of salt and water?



7. Below left is a 2-D array that represents an ionic lattice. At right is a 2-D array that represents a molecular solid. In what ways are they similar? In what ways are they different?



1. Describe the contents of each cell using the terms atoms, molecules, element, compound, mixture, solid, liquid and gas.



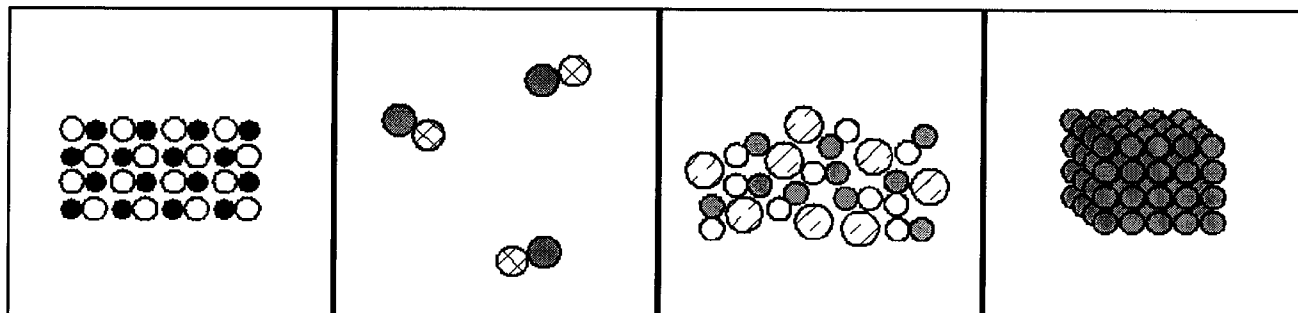
A

B

C

D

2.



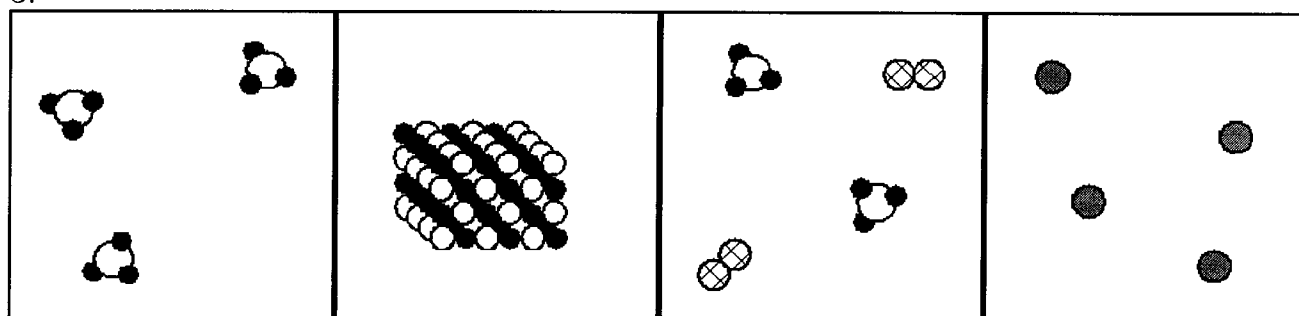
A

B

C

D

3.



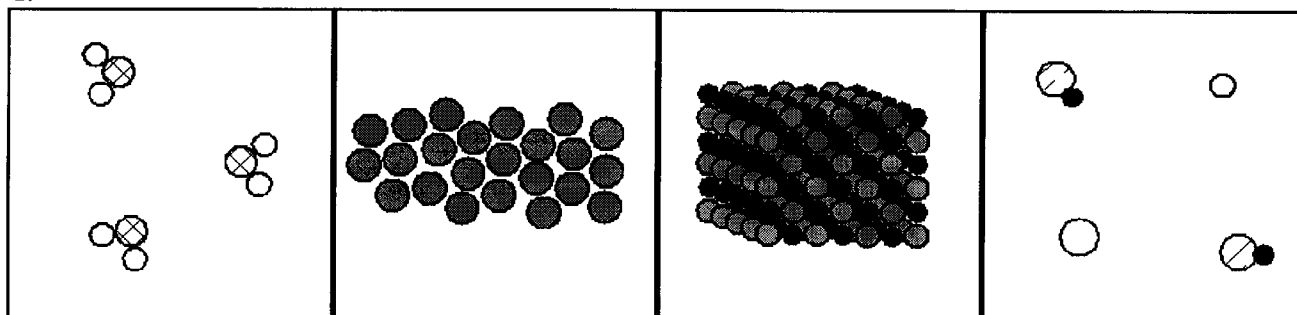
A

B

C

D

4.



A

B

C

D