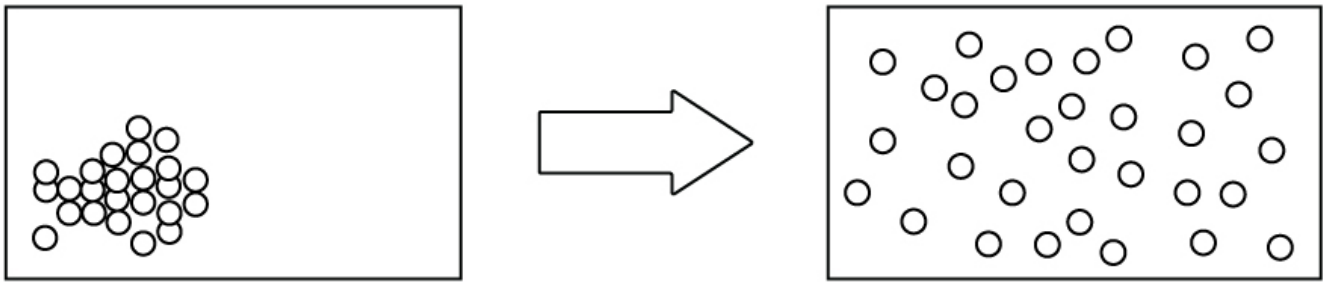
Diffusion Review Worksheet

1 Identify and name the phenomenon in the diagram below.



_____

2 Answer the following questions about diffusion and fill in the blanks with the appropriate word(s).

a) Diffusion is the _____ movement of particles from a region of _____ concentration to a region of _____ concentration until _____ is established.

b) Give two everyday examples of diffusion.

_____

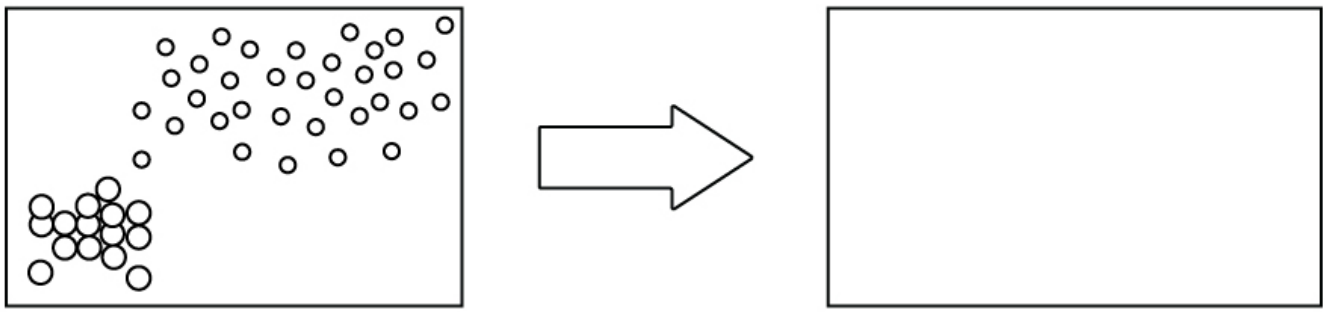
_____

c) Diffusion is a type of _____ transport.

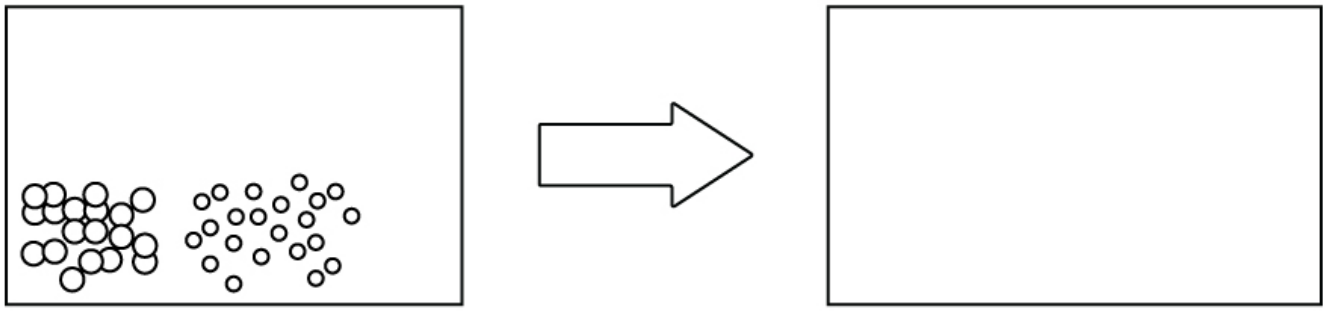
d) Diffusion continues until the concentration of the molecules becomes _____ throughout the region.

3 Draw the result of diffusion on the blank right panel.

a)



b)



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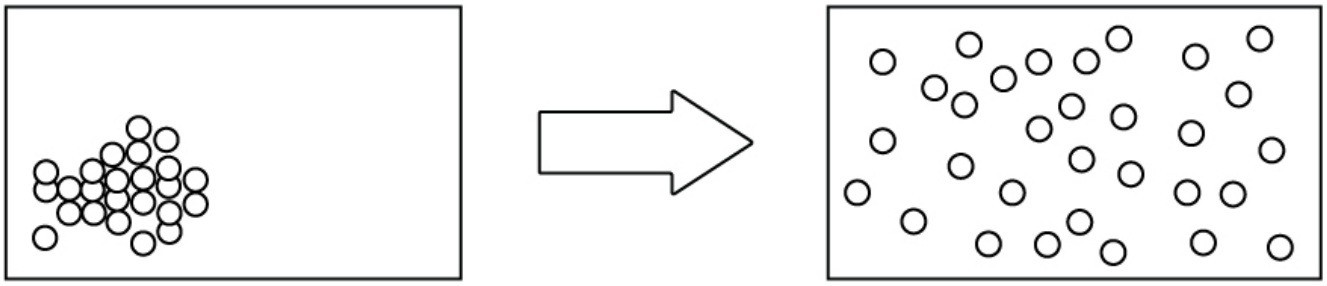


Diffusion

2 Answer the following questions about diffusion and fill in the blanks with the appropriate word(s).

a) Diffusion is the random movement of particles from a region of high concentration to a region of low concentration until equilibrium is established.

b) Give two everyday examples of diffusion.

The smell of body perfume

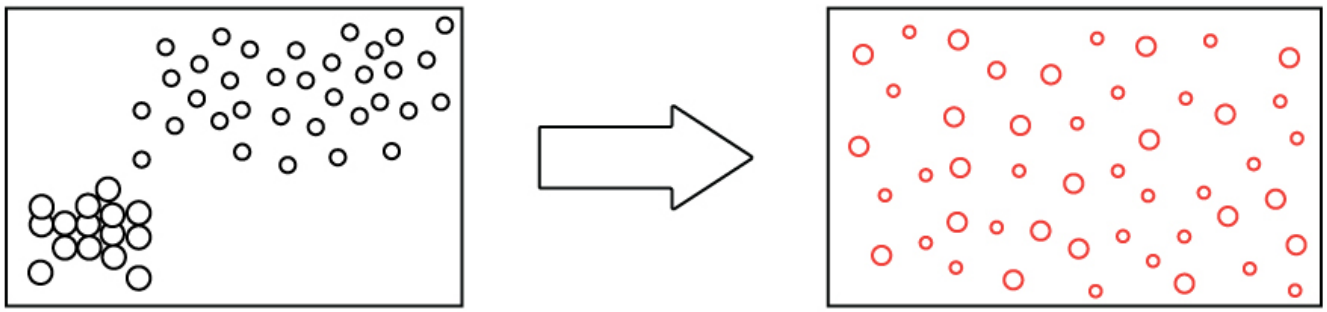
Pheromone produced by a moth

c) Diffusion is a type of passive transport.

d) Diffusion continues until the concentration of the molecules becomes equal throughout the region.

3 Draw the result of diffusion on the blank right panel.

a)



b)