Match IT: Draw lines to match up the correct word with the correct definition

Transport	Spreading out of particles from an area of higher concentration to an area of lower concentration
Diffusion	Allows some particles through and not others, depending on size
Osmosis	The movement of dissolved molecules into or out of a cell.
Active transport	Substances move from a more dilute solution to a more concentrated solution. This requires energy.
Concentration	Diffusion of water from dilute solution to concentrated solution through a partially permeable membrane
Concentration gradient	Difference in concentration between two areas
Selectively permeable	These cover the many gill filaments and increase the surface area.
Cell membrane	Thin layer around a cell controlling the substances passing in and out
Villi	The amount of substance in a solution
Lamellae	Small folds within the small intestine that increase the surface area.

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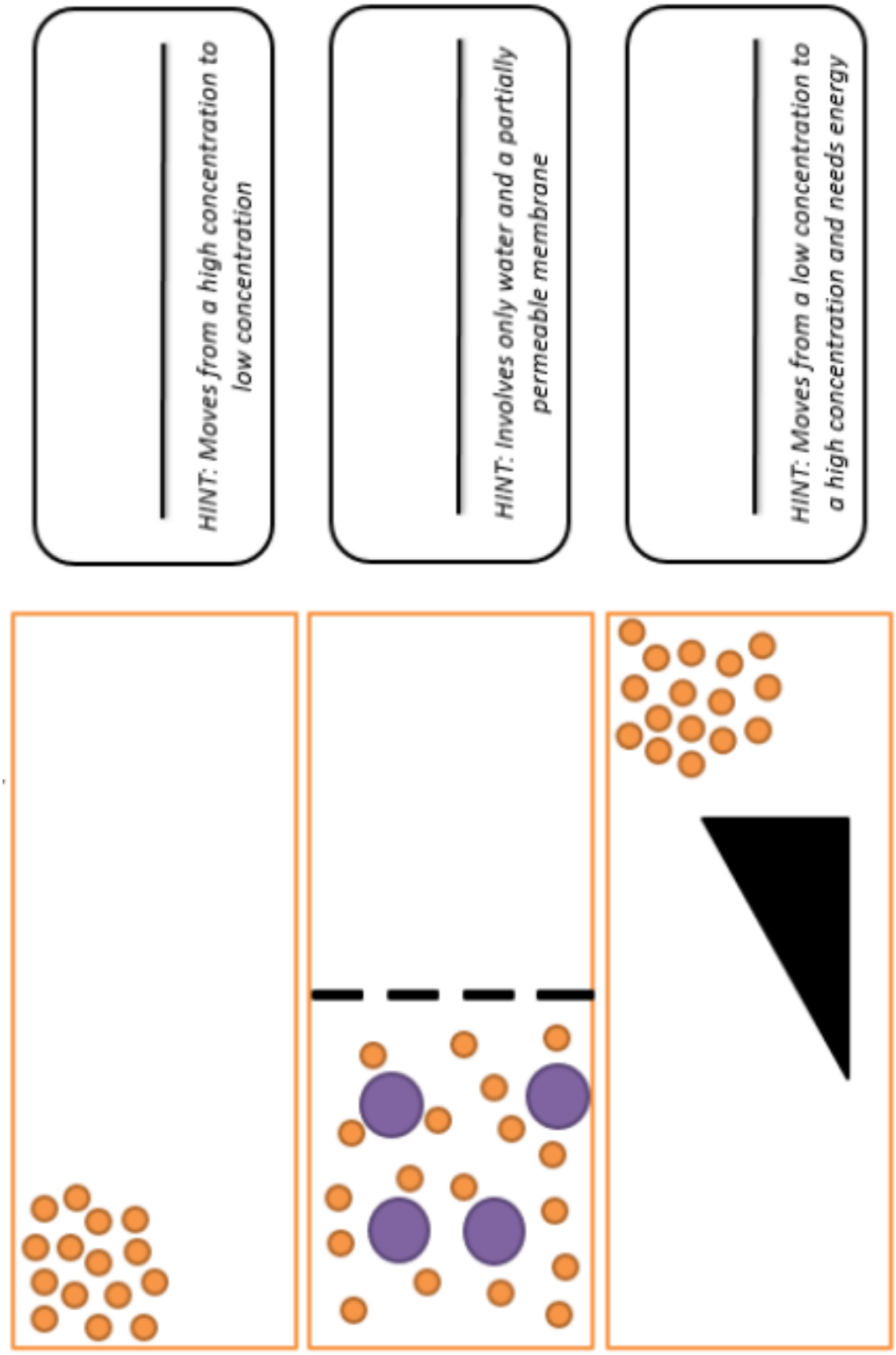
Label IT

Label the diagram.



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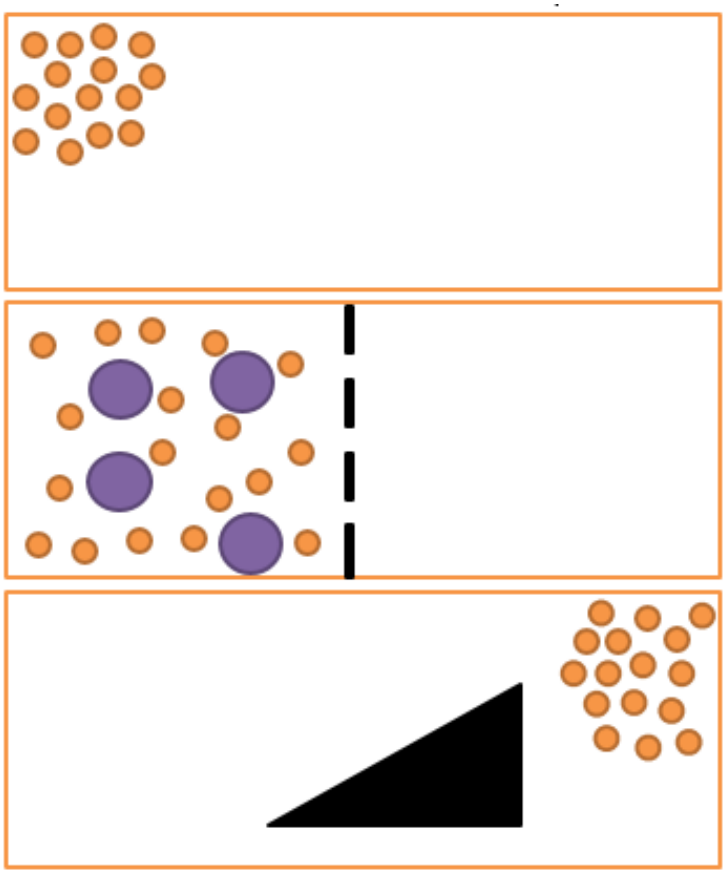
Label IT and Match IT



_____

HINT: Moves from a high concentration to low concentration

_____

HINT: Involves only water and a partially permeable membrane

_____

HINT: Moves from a low concentration to a high concentration and needs energy

Active transport	Diffusion of water from dilute solution to concentrated solution through a partially permeable membrane
Diffusion	Substances move from a more dilute solution to a more concentrated solution. This requires energy.
Osmosis	Spreading out of particles from an area of higher concentration to an area of lower concentration

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Dominos

Small folds within the small intestine that increase the surface area.	Diffusion
Spreading out of particles from an area of higher concentration to an area of lower concentration	Partially permeable
Allows some particles through and not others, depending on size	Transport
The movement of dissolved molecules into or out of a cell.	Active transport
Substances move from a more dilute solution to a more concentrated solution. This requires energy.	Osmosis
Diffusion of water from dilute solution to concentrated solution through a partially permeable membrane	Concentration gradient
Difference in concentration between two areas	Lamellae
These cover the many gill filaments and increase the surface area.	Cell membrane
Thin layer around a cell controlling the substances passing in and out	Concentration
The amount of substance in a solution	Villi

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Get IT

Write true or false next to each statement

Statement	True or False
1. The movement of molecules from a high concentration to a low concentration is called diffusion.	
2. The movement of water molecules from an area of low concentration to a high concentration is called osmosis.	
3. Active transport moves against a concentration gradient.	
4. Active transport needs energy.	
5. Diffusion occurs in the lungs and small intestine.	
6. Osmosis occurs in the large intestine and in the roots of plants.	
7. A concentration gradient is the difference between 2 concentrations.	
8. In diffusion the molecules move against the concentration gradient.	
9. In osmosis the molecules move against the concentration gradient.	
10. Osmosis involves a partially permeable membrane.	

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