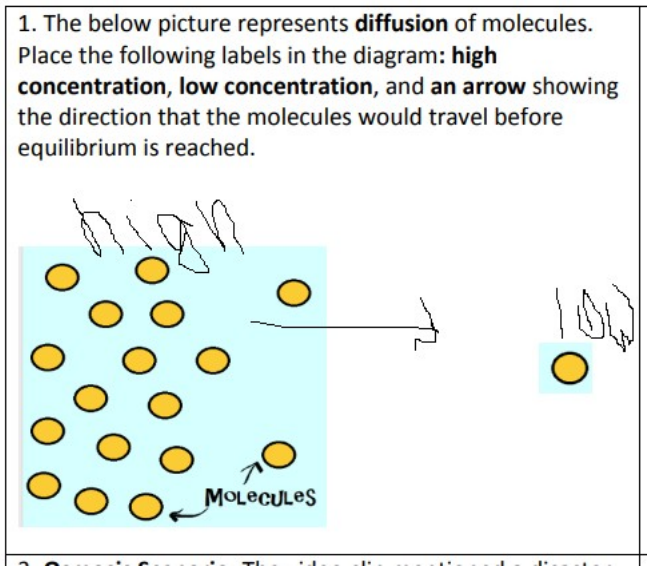
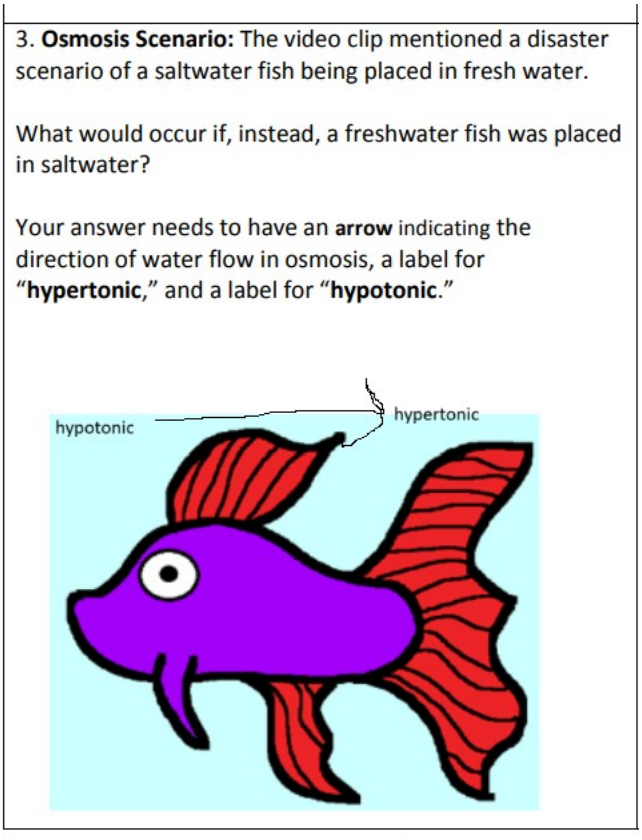
Osmosis Worksheet Answers

1. 

2. Greater/higher. It can also be viewed this way because water tends to go where there is higher solute concentration so it makes it so there is less water concentration. There will be less room for solvents in the water.
3. If a freshwater fish was placed in saltwater, the fish would then become hypertonic due to the higher salt concentration in both the water and their blood.



4. One treatment that can be used in some of these cases is adding a **hypertonic** saline. It would need to be hypertonic because it causes shrinking whereas hypotonic would cause it to swell due to bursting of red blood cells.
5. The answer is B because the gummy bears were hypertonic going into a hypotonic solution. That causes the gummy bears to swell up.
6. The cells are **hypertonic** compared to the **hypotonic** solution.
7. The cells are **hypotonic** compared to the **hypertonic** solution.
8. The cells are **isotonic** compared to the **isotonic** solution.