

1. A property that depends on the number of solute particles (concentration) is said to be a \_\_\_\_\_ property.
2. List 5 examples of colligative properties:
  - a)
  - b)
  - c)
  - d)
  - e)
3. The pressure of a vapor in \_\_\_\_\_ with its liquid is referred to as vapor pressure. It is a measure of the tendency of the molecules of a liquid to escape into the \_\_\_\_\_ phase.
4. The boiling point of a liquid is the temperature at which its \_\_\_\_\_ is equal to \_\_\_\_\_.
5. When a solid is dissolved in a liquid, the vapor pressure of the liquid is \_\_\_\_\_ because the surface area from which molecules can evaporate is reduced.
6. What colligative property is responsible for antifreeze keeping water from freezing in a car's cooling system? \_\_\_\_\_
7. What colligative property is responsible for antifreeze keeping water from boiling over during the summer in a car's cooling system?  
\_\_\_\_\_
8. What colligative property causes ice to melt on the street after salt has been spread on it? \_\_\_\_\_