Short Answer Questions

Name _____

1) What is the law of conservation of mass? How do you know if a chemical equation is in accord with this law?

2) What is the meaning and value of Avogadro's Number? What is a mole?

3) Explain why some ionic compounds dissolve in water while others to not?

4) What ion is responsible for:

(*a*) acidic properties

(*b*) basic properties