

Minute Quiz 4

1. What is the Arrhenius definition of:
 - (a) an acid?
 - (b) a base?
2. Tell whether the following form acidic or basic solutions in water:
 - (a) ammonia
 - (b) lemon juice
 - (c) milk of magnesia
 - (d) sodium bicarbonate
 - (e) carbon dioxide
3. Tell whether solutions of the following pH values are acidic, basic, or neutral.
 - (a) $\text{pH} = 11$
 - (b) $\text{pH} = 3$
 - (c) $\text{pH} = 7$