Acids and Bases

Answer the following questions about acids and bases.

What is a characteristic of an acid? __________________________

What is a characteristic of a base? __________________________

List some acids: __________________________________________

List some bases: __________________________________________

What is the pH of a strong acid? ____________________________

What color does a strong acid turn when tested for its pH level? ________________________________________________

What is the pH of a strong base? ____________________________

What color does a strong base turn when tested for its pH level? ________________________________________________

What atom is abundantly present in an acid? ________________

What atom is abundantly present in a base? _________________
Acids and Bases

Answer the following questions about acids and bases.

What is a characteristic of an acid? (answers will vary) taste sour, corrosive to metals, pH less than 7, turn litmus paper red

What is a characteristic of a base? (answers will vary) feel slippery, pH more than 7 to 14, turn litmus paper blue

List some acids: (answers will vary) lemons, vinegar, milk

List some bases: (answers will vary) eggs, calcium, blood

What is the pH of a strong acid? 0

What color does a strong acid turn when tested for its pH level? red

What is the pH of a strong base? 14

What color does a strong base turn when tested for its pH level? blue

What atom is abundantly present in an acid? hydrogen

What molecule is abundantly present in a base? hydroxide