

Answer the questions by watching the Acids & Bases movie.

1. What are three acids?

2. Acids are substances that contain _____ and produce hydronium _____ when they dissolve in _____.

3. Acid solutions can conduct _____ because they _____ these ions.

4. Some acids can even eat away at _____.

5. A _____ is a property of acidic solutions.

6. The _____ gives you a measure for identifying _____ and _____. pH stands for _____, and the scale ranges from _____ to _____. A pH of _____ means extremely _____ and a pH of _____ means extremely _____.

7. Anything with a pH lower than 7 is _____ and anything with a pH of more than 7 is _____. A substance with a pH of exactly 7 is called _____.

8. Bases form _____ ions when they dissolve in water. Because they have _____ they can also conduct electricity. Two examples of bases include _____ and _____. Basic solutions feel _____ and taste _____.

9. The hydroxide ions in bases react with _____ and _____ to break them up. The hydroxide ions don't react with _____, so a base won't damage your _____ and _____ the way an acid would.

Word Bank

1
1
14
14
acidic
acidic
acids
bases
basic
basic
bitter
chalk
contain
dirt
electricity
grease
hydrogen
hydrogen
hydroxide
ions
ions
lemon juice
metal
metal
of
pans
pH neutral
pH scale
potential
pots
slippery
soap
soft drink
sour taste
vinegar
water