



Across

- 1 Reactivity, acidity, and combustibility are ____ properties. (8)
- 3 Two or more substances that are mixed together but not chemically combined form a _____. (7)
- 4 Color, melting and boiling point, density and solubility are ____ properties. (8)
- 6 The pH ____ ranges from 0 to 14 (5)
- 7 A substance with a pH of 7 is _____. (7)

9 A solution with a pH

lower than 7 is _____, (6)

- 11 pH is the measure of the concentration of positive hydrogen _____ in a solution (4)
- 13 Most (but not all) _____ compounds contain no carbon. (9)
- 14 pH is a measure of the _____ concentration in a solution (8,3)

Down

- 1 Two or more elements that chemically combined in a fixed ratio form a _____. (8)
- 2 A compound formed when the negative ions from an acid combine with the positive ions from a base (4)
- 4 Matter exists in four states: solid, liquid, gas and _____. (6)
- 5 The property that describes how easily things something catches fire is _____. (14)

- 6 The property of that describes the ability of one substance to dissolve in another is _____. (10)

- 8 A soapy, slippery cleaning solution is probably _____. (5)

- 10 Organic compounds which are often associated with living things contain _____. (6)

- 12 When a(n) _____ is dissolved in water, hydroxide ions are released into the solution. (4)