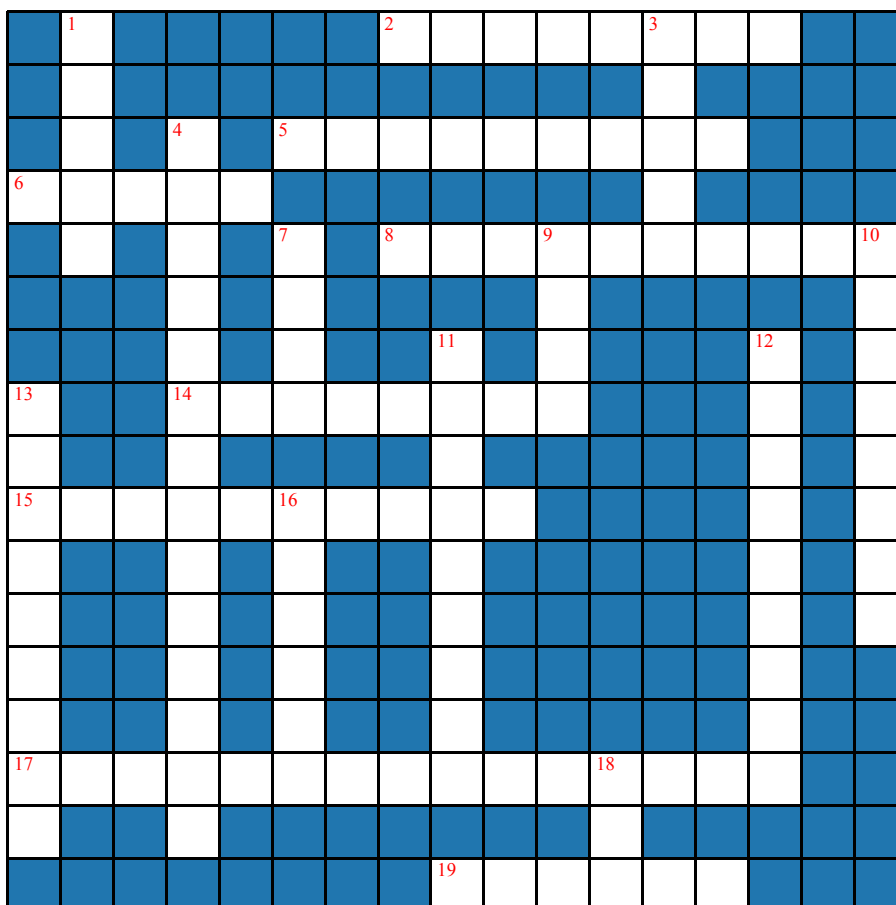


Acids, alkalis and salts



Across

- 2** Ions produced by acids in aqueous solution (8)
- 5** Hydrochloric acid makes these salts (9)
- 6** A Star Trek Voyager Borg? The pH of a neutral solution (5)
- 8** These salts produce carbon dioxide when they react with acids (10)
- 14** Describes a solution with a pH greater than 7 (8)
- 15** These substances change colour in acids and alkalis (10)
- 17** The salt made when ammonia reacts with nitric acid (8,7)
- 19** Describes a solution with a pH less than 7 (6)

Down

- 1** Acids and alkalis react together to produce salts and ... (5)
- 3** Universal indicator is this colour in neutral solutions (5)
- 4** Anagram of US Italian tenor – the reaction between and acid and an alkali (14)
- 7** Phenolphthalein indicator is this colour in alkaline solutions (4)
- 9** A metal oxide or metal hydroxide (4)
- 10** Sulfuric acid makes these salts (8)
- 11** Anagram of attrition – method to find the concentration of an acid or alkali (9)
- 12** These ions are produced by alkalis in aqueous solution (9)
- 13** A galactic indicator? (9)
- 16** A soluble base (6)
- 18** Blue litmus turns this colour in acidic solutions (3)