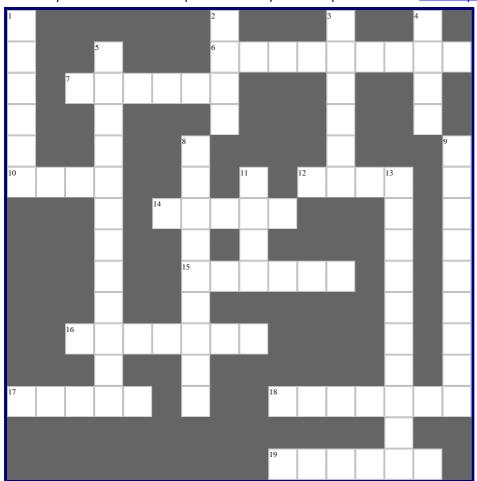
9f - Patterns of chemical reactivity

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Across

- 6. An unwanted reaction between metals and the atmosphere and water. (9)
- 7. Chemical like sodium hydroxide with a pH value greater than 7. (6)
- 10. Iron corrodes in the presence of air and water to form ... (4)
- 12. Most common magnetic element. Corrodes to form rust. (4)
- 14. Industrially important form of iron used for car bodies and structural girders. (5)
- 15. Soft, reactive, low density metallic element used in yellow street lights. (6)
- 16. Mild corrosion of silver, for example. (7)
- 17. The most common solvent contains the elements hydrogen and oxygen. (5)
- 18. The lowest density metallic element. It is soft and reactive. (7)
- 19. Non metallic gaseous element needed for respiration. (6)

Down

- 1. Unreactive metallic element with extremely high electrical conductivity used for coins. (6)
- 2. Chemical with a pH value less than 7. Sulphuric or hydrochloric are examples. (4)
- 3. Orange metallic element used for household electrical wiring. (6)
- 4. Very unreactive, expensive yellow metallic element used for jewellery. (4)
- 5. Where iron is produced in industrial quantities (5,7). (12)
- 8. Soft, reactive, low density metallic element, important for healthy plant growth. (9)
- 9. Silver-white low density metallic element used for saucepans and bicycle wheel rims. (9)
- 11. Soft, dense, unreactive grey metallic element used in car batteries. (4)
- 13. When a complete reaction takes place between acid and alkali they are said to ... (10)