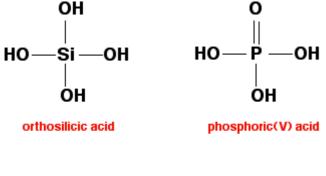
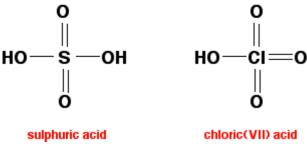
Chemguide - questions

PERIOD 3: PROPERTIES OF THE "HYDROXIDES"

- 1. a) Why are sodium and magnesium hydroxides basic?
 - b) Write an equation in each case to show their basic behaviour.
- 2. a) Aluminium hydroxide is amphoteric. What does that mean?
 - b) Write two equations to illustrate your answer to (a).
- 3. The "hydroxides" of the rest of the period all contain covalently bound OH groups and are all acids.





- a) How does acid strength vary as you go from the silicon to the chlorine compound?
- b) By reference to the ion formed when each of these compounds loses a hydrogen ion, explain the trend you described in part (a).