

8 The Periodic Table – Part 1 —Answers

Answers

Work through these after trying the questions yourself.

8.1 In order of increasing proton (atomic) number.

8.2 (a) periods \ (b) groups.

8.3 They have the same number of outer-shell electrons (the same outer electronic configuration).

8.4 +1.

8.5 Reactivity increases down the group.

8.6 Potassium is **more** reactive. Its outer electron is in a shell further from the nucleus (more inner shells shield it), so it is held less tightly and lost more easily.