Wat heeft er de grootste ionstraal?

A. Na+

B. Mg2+

C. F–

D. O2–

**Answer: D**

We can examine trends in ionic radii across a row of the periodic table by comparing data for atoms and ions that are isoelectronic (atoms or ions that have the same number of electrons).

Atom or Ion Radius (nm) Electron Configuration

O2- 0.140 1s2 2s2 2p6

F- 0.136 1s2 2s2 2p6

Ne 0.112 1s2 2s2 2p6

Na+ 0.095 1s2 2s2 2p6