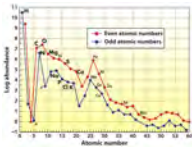


- 1 Estimate the relative abundance of nickel (Ni) atoms to cobalt (Co) atoms.



- A $4.6/3.3 = 1.4$, so Ni atoms are about 1.4 times more abundant than Co atoms.
- B $104.6/103.3 = 100.6 \times 10^4 / 100.3 \times 10^3 = 4 \times 10^4 / 2 \times 10^3 = 20$, so Ni atoms are about 20 times more abundant than Co atoms.