

Isotopes of Elements  
Let's Practice!

Which isotope corresponds to an element with

- a.  ${}_{52}^{28}\text{Cr}$
- b.  ${}_{24}^{52}\text{Cr}$
- c.  ${}_{28}^{52}\text{Ni}$
- d.  ${}_{52}^{128}\text{Te}$
- e.  ${}_{52}^{24}\text{Cr}$

Atomic Mass  
Let's Practice!

Chlorine exists as two isotopes, Cl-37 (36.96590 amu) and Cl-35. If the percent abundance of each isotope is 24.47 % and 75.53 %, what is the atomic mass of Cl-35 if the average atomic mass is 35.46 amu?

- a. 36.95690
- b. 36.57823
- c. 35.64544
- d. 34.96885
- e. 33.56438

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