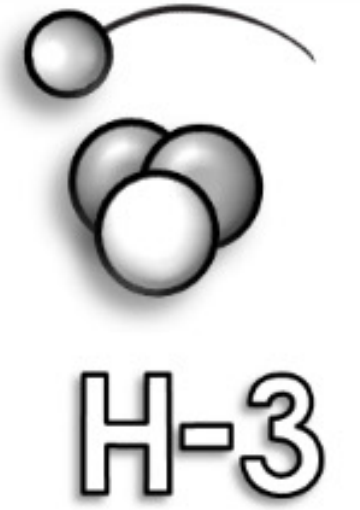


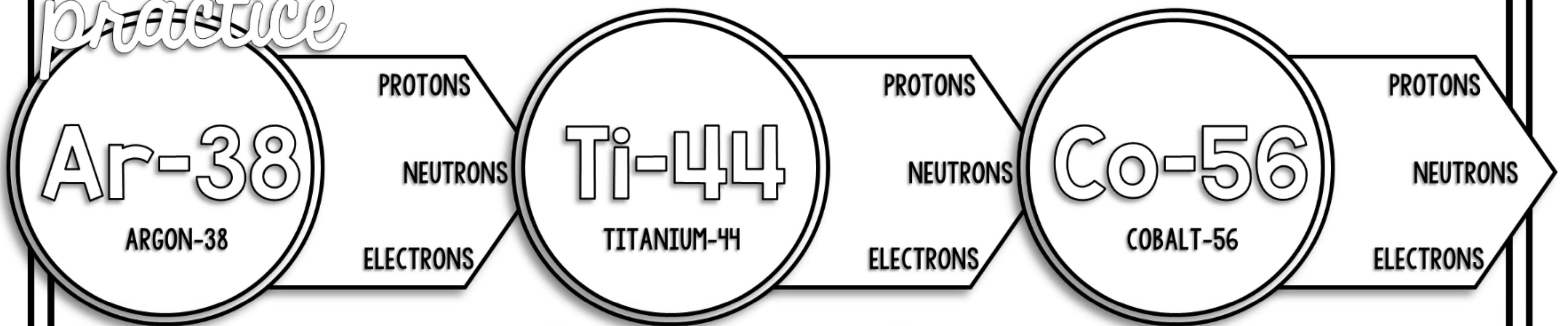
Isotopes

definition



- # OF PROTONS = ATOMIC NUMBER**
OF NEUTRONS = ATOMIC MASS - ATOMIC NUMBER
OF ELECTRONS = # OF PROTONS

practice

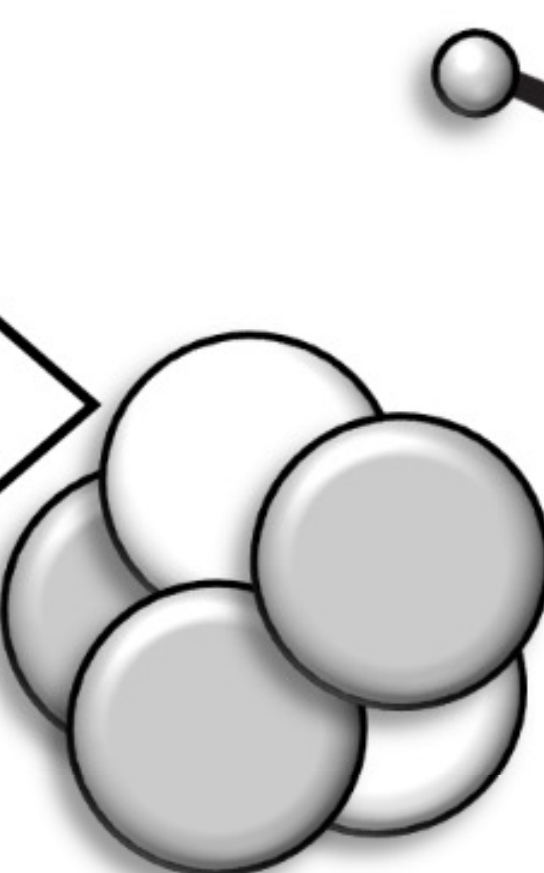


Just so we're clear...

• ELEMENTS •
are defined by
the number of
PROTONS

• IONS •
are defined by
the number of
ELECTRONS

• ISOTOPES •
are defined by
the number of
NEUTRONS



He-5

IDENTIFY 3 ISOTOPES OF ELEMENTS THAT HAVE
THE SAME NUMBER OF NEUTRONS AS CARBON-14.

★ challenge