

## Atomic Symbols Worksheet Key

1.  $^{22}_{11}\text{Na}$
2.  $^{18}_8\text{O}^{3-}$
3.  $^{99}_{50}\text{Sn}^{+}$
4.  $^{145}_{70}\text{Yb}^{2+}$
5.  $^{167}_{80}\text{Hg}^{2-}$
6.  $^{27}_{13}\text{Al}^{3+}$ 
  - I.  $^{27}_{13}\text{Al}^{2+}$
  - II.  $^{28}_{13}\text{Al}^{3+}$
  - III.  $^{28}_{14}\text{Si}^{4+}$
7.  $^{35}_{17}\text{Cl}^{-}$ 
  - I.  $^{35}_{17}\text{Cl}^{2-}$
  - II.  $^{36}_{17}\text{Cl}^{-}$
  - III.  $^{36}_{18}\text{Ar}$
8.  $^{119}_{50}\text{Sn}^{4+}$ 
  - I.  $^{119}_{50}\text{Sn}^{3+}$
  - II.  $^{120}_{50}\text{Sn}^{4+}$
  - III.  $^{120}_{51}\text{Sb}^{5+}$
9.  $^{79}_{34}\text{Se}^{2-}$ 
  - I.  $^{79}_{34}\text{Se}^{3-}$
  - II.  $^{80}_{34}\text{Se}^{2-}$
  - III.  $^{80}_{35}\text{Br}^{-}$
10.  $^{40}_{18}\text{Ar}$ 
  - I.  $^{40}_{18}\text{Ar}^{-}$
  - II.  $^{41}_{18}\text{Ar}$
  - III.  $^{41}_{19}\text{K}^{+}$