**Chem 1013: mini-quiz # 27: d-s switching electronic configurations A**

**Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Write the correct, abbreviated d-s switched configuration for the transition metals and transition metal cations below, assuming they are dissolved in water:**

**Inert gas core outer d and s configuration**

**Mn2+ [ ]**

**Ti [ ]**

**Cu2+ [ ]**

**Fe [ ]**

**Chem 1013: mini-quiz # 27: d-s switching electronic configurations B**

**Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Write the correct, abbreviated d-s switched configuration for the transition metals and transition metal cations below, assuming they are dissolved in water:**

**Inert gas core outer d and s configuration**

**Fe2+ [ ]**

**Cr [ ]**

**Cu2+ [ ]**

**Zn2+ [ ]**