

## Alternate Reactivity of Metals Lab

A student repeats the experiment on page 78 of the text with Cu, Mg, Ag and Zn metals and solutions of the ions. The results are shown in the data table below.

	Cu(s)	Mg(s)	Ag(s)	Zn(s)
Cu <sup>2+</sup> (aq)	x		x	
Mg <sup>2+</sup> (aq)	x	x	x	x
Ag <sup>+</sup> (aq)			x	
Zn <sup>2+</sup> (aq)	x		x	x

Complete the analysis questions 1, 2 and 3 on page 78 of the text.

4. According to the table above, which are better oxidizing agents: metals or their ions?