

Revised August 2010



HONORS WORKSHEET 14a: ANSWERS



1.
 - (a) 0.27 V
 - (b) $\text{Ag}_{(s)} | \text{Ag}^+_{(aq)} || \frac{1}{2}\text{Br}_{2(l)} | \text{Br}^-_{(aq)} | (\text{Pt})$

2.
 - (a) Gold
 - (b) Gold
 - (c) 3.16 V
 - (d) 19.7 g
 - (e) Gold

3.
 - (a) -1.21 V
 - (b) It is not spontaneous and it does not occur.

4.
 - (a) 1.235 V
 - (b) 1.227 V