

Revised August 2010



HONORS WORKSHEET 12b: ANSWERS

1. 1.83×10^{-13} M
2. 1.48
3. 6.71×10^{-14} M
- 4.

A	3.45	10.6	3.55×10^{-4}
B	0.699	13.3	0.2
C	12	2	1×10^{-12}

5.
 - (a) 1.60
 - (b) 1.51
 - (c) 12
- 6 The degree of dissociation, the greater the dissociation, the stronger the acid.
- 7.

A	2.74	1.8×10^{-3}
B	4.12	7.59×10^{-5}
C	3.34	4.57×10^{-4}

8. A
9.
 - (a) 2.25
 - (b) 2.46