

AP WORKSHEET 08ABC: 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