

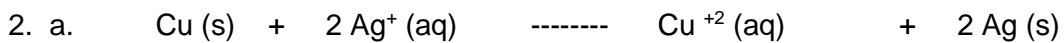
## Solubility Practice Test V2

### Multiple Choice

1a 2c 3c 4a 5b 6d 7a 8c 9d 10c 11d 12b 13b 14b  
15d 16c 17b 19a 20d 21b 22b 23c 24d 25d 26c 27d 28d

### Written

1.  $K_{sp} = 1.86 \times 10^{-7}$



b.  $k_{sp} = 3.97 \times 10^{-3}$

3.  $k_{sp} = 1.92 \times 10^{-5}$

4.  $[\text{Ca}^{+2}] = .120 \text{ M}$

$[\text{NO}_3^{-1}] = .240 \text{ M}$

5.  $[\text{NaBr}] = .074 \text{ M}$

6.  $[\text{CO}_3^{-2}] = 1.3 \times 10^{-7} \text{ M}$

$[\text{Sr}^{+2}] = 4.3 \times 10^{-3} \text{ M}$

7.  $k_{sp} = 1.58 \times 10^{-10}$