Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #:\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_

**10.7B HW**

*Show your work to receive full credit.*

|  |  |
| --- | --- |
| 1. $ \frac{9 x 10^{-3}}{4 x 10^{-5}}$
 | 1. $ \frac{3 x 10^{3}}{2 x 10^{4}}$
 |
| 1. $ \frac{7 x 10^{-6}}{10 x 10^{3}}$
 | 1. $ \frac{9 x 10^{4}}{5 x 10^{-2}}$
 |
| 1. $ \frac{7 x 10^{3}}{5 x 10^{-3}}$
 | 1. $ \frac{8 x 10^{3}}{2 x 10^{5}}$
 |
| 1. $ \frac{3 x 10^{5}}{5 x 10^{3}}$
 | 1. $ \frac{7 x 10^{-3}}{8 x 10^{-6}}$
 |
| 1. $ \frac{2 x 10^{6}}{4 x 10^{-1}}$
 | 1. $ \frac{4 x 10^{-3}}{5 x 10^{4}}$
 |

Solutions: 1) 2.25 x 102  2) 1.5 x 10-1 3) 7 x 10-10 4) 1.8 x 106 5) 1.4 x 106

6) 4 x 10-2 7) 6 x 101 8) 8.75 x 102 9) 5 x 106 10) 8 x 10-8