**Homework**: Tuesday, September 18th

**Simplify! Round all numbers 3 places past the decimal!**

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| 1) $\frac{\left( 1.5 X 10^{24}\right)(4 X 10^{-13})}{5 X 10^{2}}$ | 2) $\frac{(3.6 X 10^{14})(2 X 10^{8})}{2.2 X 10^{-10}}$ | 3) $\frac{(5.4 X 10^{7})(8 X 10^{-11})}{6.2 X 10^{9}}$ |
| 4) $\frac{(2.8 X 10^{1})(7.4 X 10^{-7})}{7.5 X 10^{0}}$ | 5) $\frac{(4.1 X 10^{-3})(8.9 X 10^{-7})}{4.6 X 10^{5}}$ | 6) $\frac{(1.1 X 10^{6})(3.3 X 10^{-6})}{9.2 X 10^{9}}$ |
| 7) $\frac{(5.8 X 10^{-10})(6 X 10^{-11})}{1 X 10^{-4}}$ | 8) $\frac{(6.9 X 10^{-12})(4.4 X 10^{13})}{3.5 X 10^{10}}$ | 9) $\frac{(2.7 X 10^{-4})(5.5 X 10^{-4})}{8 X 10^{-7}}$ |
| 10) $\frac{(7.8 X 10^{9})(2.8 X 10^{-12})}{5.6 X 10^{3}}$ | 11) $\frac{(4.4 X 10^{7})(5.8 X 10^{6})}{1.1 X 10^{11}}$ | 12) $\frac{(3.9 X 10^{10})(2 X 10^{-8})}{6.6 X 10^{-8}}$ |
| 13) $\frac{(8.1 X 10^{3})(3.3 X 10^{-7})}{4.3 X 10^{-20}}$ | 14) $\frac{(2.9 X 10^{-14})( 5.7 X 10^{-9}) }{7.5 X 10^{-11}}$ | 15) $\frac{(1.5 X 10^{-13})(4.4 X 10^{5})}{2.9 X 10^{-6}}$ |