Name: _____   Date: _____

[10 pt]   1. Perform each of the following simple conversions (metric $\rightleftharpoons$ metric). ALL answers should contain the proper number of Significant Figures and the proper Units. Show work to receive full credit.

(a) 28.0 cm to m   1(a) _____

(b) 1000. m to km   1(b) _____

(c) 10.68 g to mg   1(c) _____

(d) 20. μL to L   1(d) _____

(e) 6.8×10^{-4} ng to g   1(e) _____

[10 pt]   2. Perform each of the following simple conversions (metric $\rightleftharpoons$ metric). ALL answers should contain the proper number of Significant Figures and the proper Units. Show work to receive full credit.

(a) 153,000 mg to kg   2(a) _____

(b) 56.8 cm to nm   2(b) _____

(c) 10.0 mg to Pg   2(c) _____

(d) 6.8×10^{-14} GL to mL   2(d) _____

(e) 6.8×10^{15} pL to ML   2(e) _____