

CHE 101 - Homework - Ch 3d
Metric-Metric Conversions

Score: ____/20

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) _____

