

CHEMISTRY 31
Quiz 1 - 10 minutes
Spring, 2017

Name _____

A solution of concentrated HNO_3 (molecular weight = 63.0 g/mol) that is 15.7 M has a density of 1.43 g/mL.

- a) Determine the mass % of HNO_3 in the concentrated HNO_3 . (5 pts)
- b) How many g. of concentrated HNO_3 are needed to deliver 10.0 g of HNO_3 ? (5 pts)