

Name: _____

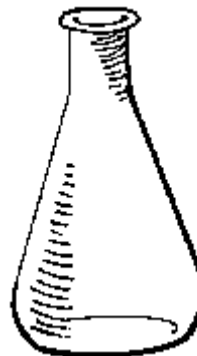
Lab Partner's Name: _____

Section: _____ Desk#: _____

TECH 380: Safety Practices in the Chemistry Laboratory

Homework (Due Beginning of Class Session September 8, 9, 10, 11, 12, 2014):

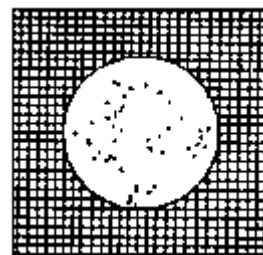
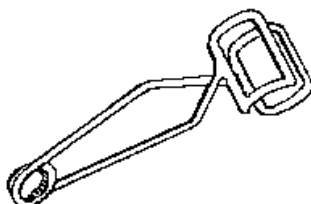
1. Identify equipment below.
(*Hint: A word bank is given below and pictures of glassware are in your Text pages 11-12.*)
2. Fill in MSDS form, Packet pp15-16.
(*You may use any reputable website.*) Don't forget to sign and date it.
3. Complete the Graphing Lab, Packet pp. 25-40 + the survey (*class information*) with the data.
4. Read Nomenclature, Packet pp 41-52. Complete Nomenclature problems, Packet pp. 53-68.
5. Read Safety Lab, Text pp.1-14. Complete Text pages 9, 13-14.
6. Read Dimensional Analysis #1, Text pp 15-24. Do problems: 1, 3, 8, 11, 14, 15, 17, 19, 20, 21, & 22.
(*You must show your work in order to receive credit for this assignment.*)
7. Read Significant Figures Problem Sets #1 & #2 pp 35-52. Work problems on pp. 41-42 and 51-52.
8. Read "Statistical Analysis of Zinc Coated Washers"*** Text pp. 53-76.
**You do not have to turn in the Pre-lab Questions (pp. 63-64), but you might want to review them as similar questions often appear on quizzes.



1. _____

2. _____

3. _____



4. _____

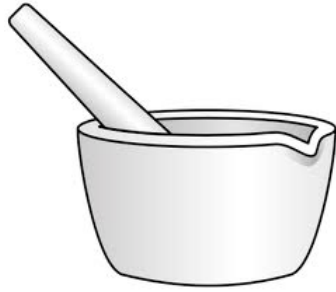
5. _____

6. _____

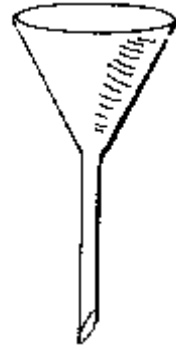
Word Bank: beaker, Buchner funnel, Bunsen burner, casserole, erlenmeyer flask, evaporating dish, filter flask, funnel (short-stemmed), graduated cylinder, mortar & pestle, test tubes, test tube brush, test tube clamp, test tube rack, watch glass, & wire gauze



7. _____



8. _____ & _____



9. _____



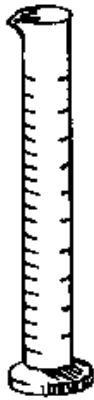
10. _____



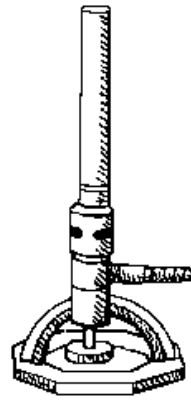
11. _____



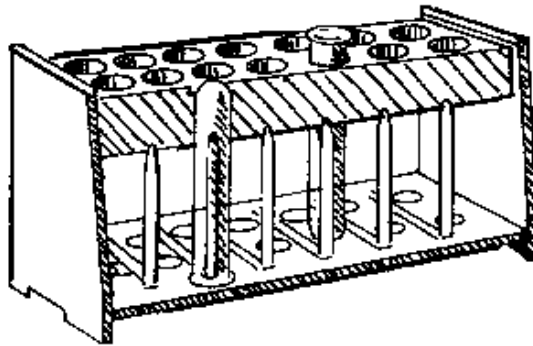
12. _____



13. _____



14. _____



15. _____ in a _____