

Name _____ Section _____

Partner _____

CHM 112 Freezing Point Depression Report Form

Unknown Number _____

Freezing Point of Pure Solvent:

Weight of Solvent _____

Trial 1 _____

Trial 2 _____

Average _____

Freezing Point of Solutions:

| | 1st Solution | 2nd Solution |
|------------------|--------------|--------------|
| Weight of solute | _____ | _____ |
| Freezing Point: | | |
| Trial 1 | _____ | _____ |
| Trial 2 | _____ | _____ |
| Average | _____ | _____ |
| Molecular Wt. | _____ | _____ |

Attach graphs of all 6 sets of data and samples of each type of calculation. As always, include complete units and watch significant figures.