Pleiades Analysis

Name:

Group Members:

Date:

**Derive the Distance to the cluster**

B-V of Sun = 0.6

Absolute Visual Magnitude (from H-R Diagram)

MSun =

MPleaides =

Distance to Pleiades (pc) =

**Density of Stars**

Distance to Pleiades (pc) =

Wa (arcmin) = 13 arcmin

Wa (radians) =

Wpc (pc) =

Volume: V = Wpc3 =

Number of stars in one field: N =

Density of stars: nPleiades = N/V =