

NAME \_\_\_\_\_ DATE \_\_\_\_\_

### NORTON COORDINATE LAB

1.0 PURPOSE: To obtain equatorial coordinates for certain stars using Norton's Star Atlas sky maps.

2.0 PROCEDURE: Identify stars on the Norton maps and determine their coordinates using a straight-edge.

3.0 DATA: The names for ten assigned stars are as listed:

STAR IDENTIFICATION	R.A (hr, min)	DEC. (deg, min)	Magnitude
1) $\epsilon$ Orionis (Alnilam)			
2) $\beta$ Orionis (Rigel)			
3) $\sigma$ Tauri			
4) $\beta$ Tauri (El Nath)			
5) $\delta$ Aurigae			
6) $\rho$ Virginis			
7) $\alpha$ Leonis (Regulus)			
8) $\beta$ Leonis (Denebola)			
9) $\beta$ Canum Venaticorum (Chara)			
10) $\epsilon$ Boötis (Izar)			