

EXERCISE 1.0 ANSWER SHEET

EQUATORIAL COORDINATES ON A GLOBE

I. Angular Measurement

1. Sexagesimal equivalent of 15.67° : _____
2. Time for rotation of 65° : _____

II. Getting Acquainted with the Celestial Globe

3. Spacing of reference hour circles drawn on the globe in hours: _____
4. Spacing of reference declination parallels drawn on the globe in degrees: _____

IV. Part 1: Identification of Objects on Celestial Globe

	RA	DEC	Object	Constellation
1.	4:36	+16:29	_____	_____
2.	5:14	-08:13	_____	_____
3.	5:15	+46:15	_____	_____
4.	5:33	-05:20	_____	_____
5.	6:45	-16:42	_____	_____
6.	7:39	+05:15	_____	_____
7.	7:42	+28:00	_____	_____
8.	14:16	+19:13	_____	_____
9.	16:27	-26:15	_____	_____
10.	16:42	+36:28	_____	_____
11.	18:35	+38:44	_____	_____
12.	19:50	+08:50	_____	_____

IV. Part 2: The Messier Catalog

For RA, use superscripts h for hours and m for minutes, not colons. For declination use degree symbols for superscripts and the symbol, ', for arcminutes. Do not use colons.

	RA	Dec.	Object	Constellation	Type of Object
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____