

Skyserver Scavenger Hunt Worksheet

Ra	dec	type	u	g	r	i	z
16.09719	-0.73717	STAR	20.92	18.41	17.16	16.57	16.21

Number	Name	ra	dec	type	u	g	r	i	z
1	A star with $15 < g < 18$	189.44779	2.32094	STAR	19.33	16.72	15.60	15.15	14.92
2	A very bright star with $g < 12$	170.77809	2.84917	STAR	14.41	11.81	11.29	11.26	11.66
3	A face-on spiral galaxy	201.58214	2.10232	GALAXY	15.45	13.39	12.99	12.65	12.69
4	An edge-on spiral galaxy	145.93895	2.62696	GALAXY	16.48	15.11	14.53	14.40	14.30
5	An elliptical galaxy	183.99058	3.30590	GALAXY	16.90	14.25	13.44	13.02	12.70
6	An irregular galaxy	180.00107	2.70293	GALAXY	19.94	18.91	18.44	18.12	18.15
7	Any galaxy with visible dust lanes	195.13105	2.54501	GALAXY	20.28	18.72	17.48	16.03	16.54
8	An asteroid that shows up as a blue-yellow dot	161.58048	2.04530	STAR	19.82	18.61	18.13	17.94	17.84
9	A "Ghost"	185.08755	3.23618						
10	An asteroid streak (you may only see one or two colors if it is a very fast moving asteroid)	189.27716	2.37095						
11	A very faint star with $g > 21$	186.16854	3.30369	STAR	21.84	22.64	22.38	23.50	21.83
12	A very red star with $r-z > 1.5$	196.05924	2.45391	STAR	23.70	20.77	19.49	18.21	17.54
13	A star cluster	195.11059	2.51160	STAR	22.63	20.43	19.31	18.91	18.63
14	A galaxy cluster	187.16211	2.48106	GALAXY	21.48	25.10	18.06	18.17	17.02
15	An asteroid that shows up as a red, green, and blue dot	152.99006	5.14308	STAR	20.12	25.12	20.32	18.18	23.02
16	A pair of interacting galaxies	4.48079	0.33523	GALAXY	16.41	15.29	14.05	14.65	14.53
17	A very blue galaxy with $g-r < 0$	196.04844	2.46144	GALAXY	19.87	18.94	18.49	18.11	17.94

18	An elliptical galaxy covered with dust lanes	133.96790	2.52428	GALAXY	16.81	15.81	15.28	15.12	15.09
19	A picture from the Zoom window with two asteroids	186.77739	3.38688						
20	The object with the largest i-z value (the reddest object) you can find!	184.36609	2.28777	GALAXY	15.38	13.30	9.83	12.25	9.92