

Name _____

Date _____

THE HUBBLE LAW**Galaxy and Spectra Overview**

NGC #	Sketch	Type	Description of Spectrum	Keep?
1357		Spiral	Emission spike around 6600 Angstroms; other spikes also	YES
1832		Spiral	Huge spike at approx 6600 Angs; plus other spikes	YES
2276				
2775		Elliptical	Strong (deep dips) absorption; no emission really	NO
2903				
3034				
3147				
3227				
3245				
3310		Spiral	GIGANTIC emission spikes (later eliminated because awful spectrum)	NO
3368				
3471				
3516				

NGC #	Sketch	Type	Description of Spectrum	Keep?
3623				
3627				
3941		<i>elliptical</i>	<i>Deep absorption lines; no emission at all.</i>	No
4472				
4631				
4775				
5248				
5548		<i>Spiral</i>	<i>Huge spike around 5100 Angs. and fat one at 6700 Angs.</i>	Yes
5866				
6181				
6217		<i>Spiral</i>	<i>Huge spike (emission) around 6600 Angs; small one around 4900 Angs.</i>	Yes
6643				
6764				
7469		<i>Spiral</i>	<i>Emission spikes at 4900, 5100, and around 6700 Angs.</i>	Yes