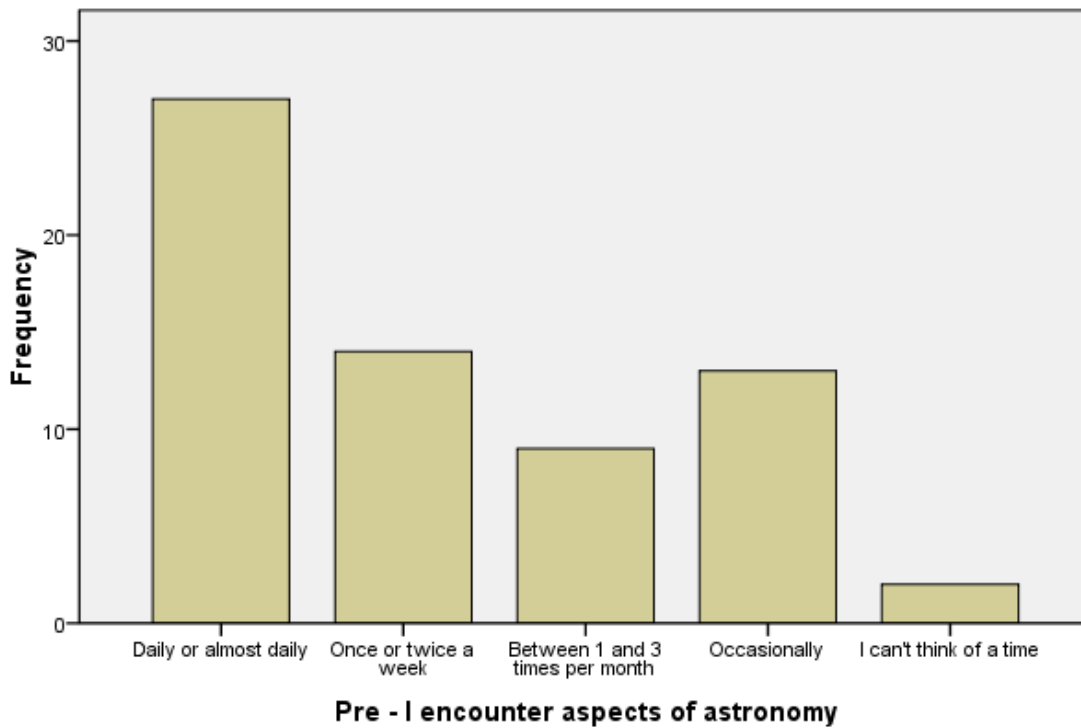


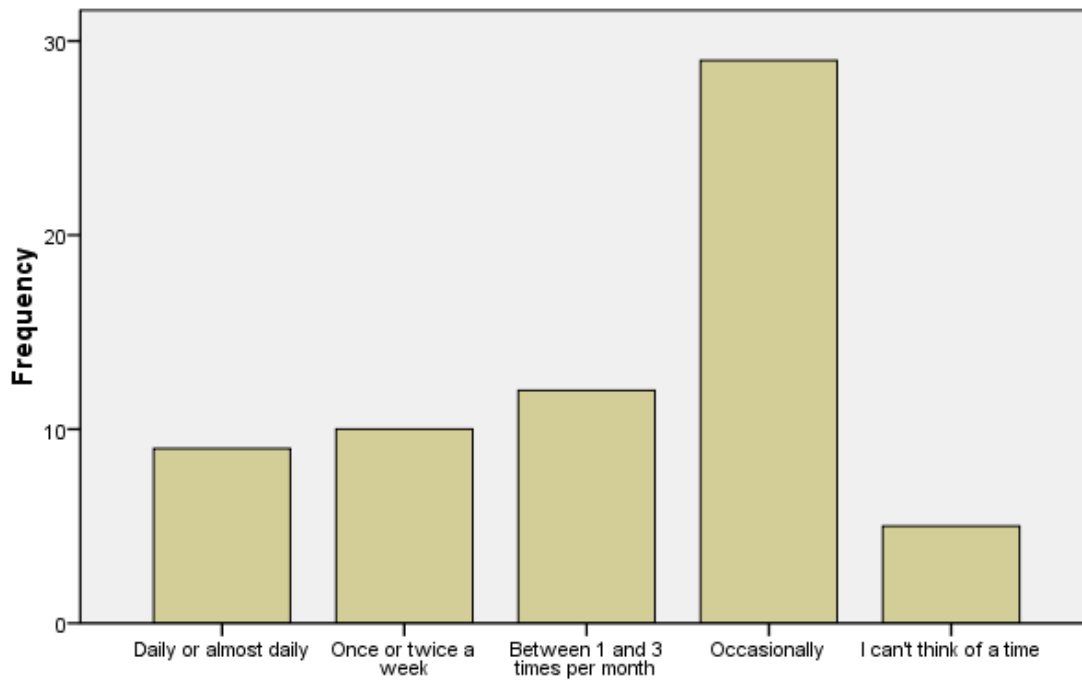
**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Pre - I encounter aspects of astronomy	65	1	5	2.22	1.269
Pre - I encounter items/technology originally developed for astronomy	65	1	5	3.17	1.206
Pre - I notice astronomy in news articles and other media	65	1	5	2.97	.968
Pre - I notice celestial objects or phenomena in the sky	65	1	5	1.54	.885
Pre - I use general skills that astronomers apply in their research to make decisions	65	1	5	2.40	1.390
Valid N (listwise)	65				

**Pre - I encounter aspects of astronomy**

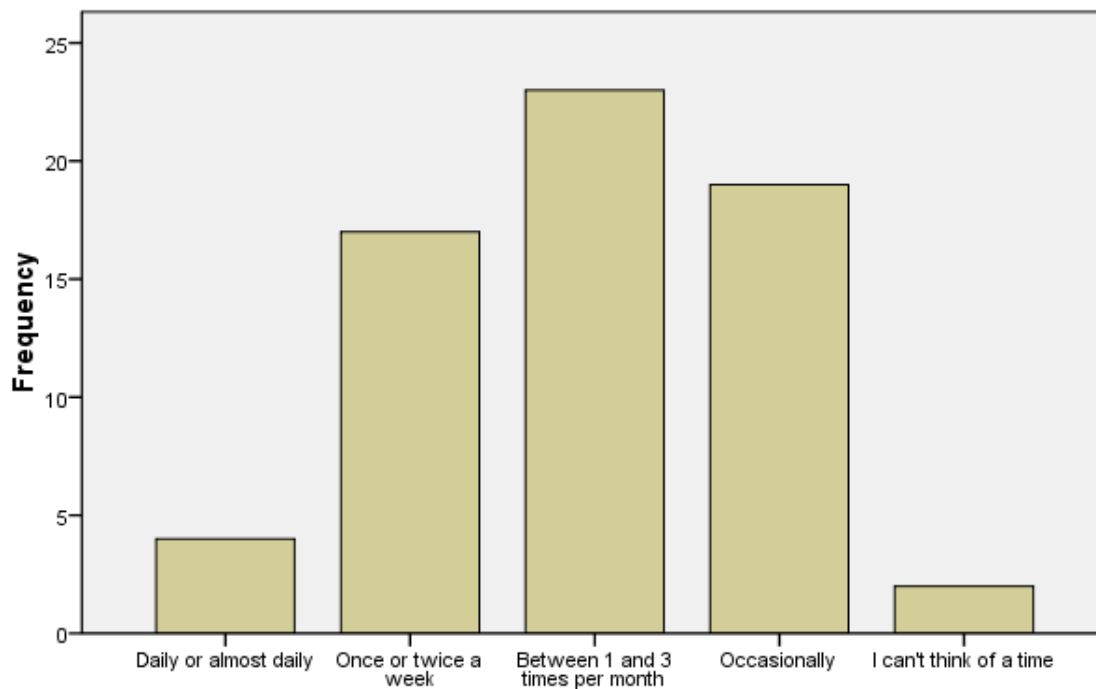


**Pre - I encounter items/technology originally developed for astronomy**



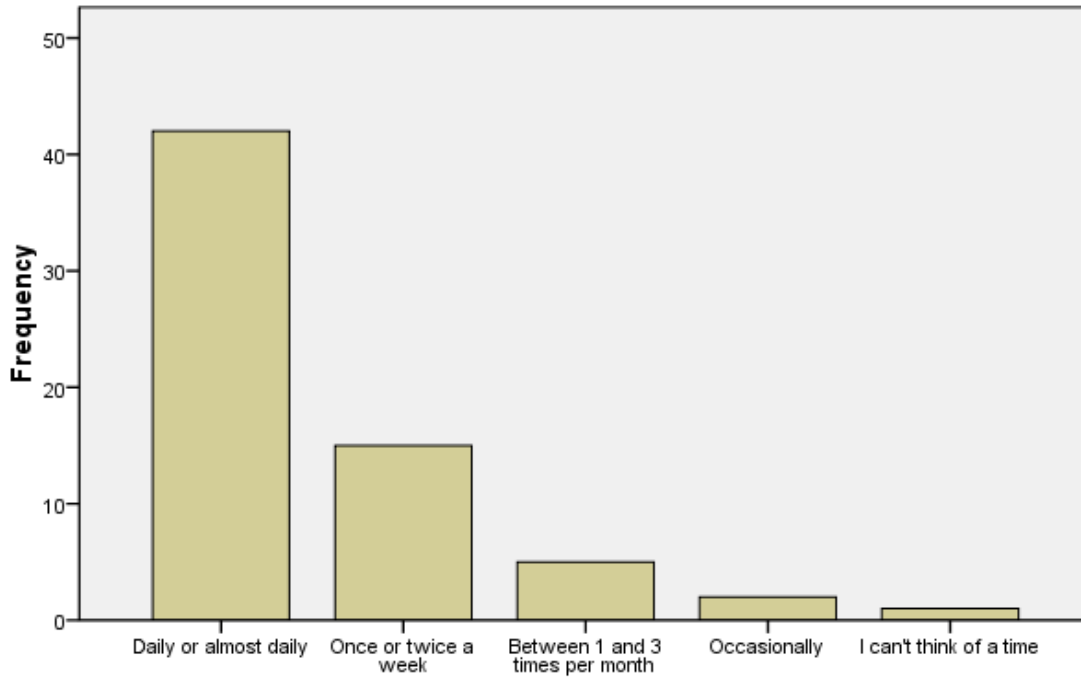
**Pre - I encounter items/technology originally developed for astronomy**

**Pre - I notice astronomy in news articles and other media**



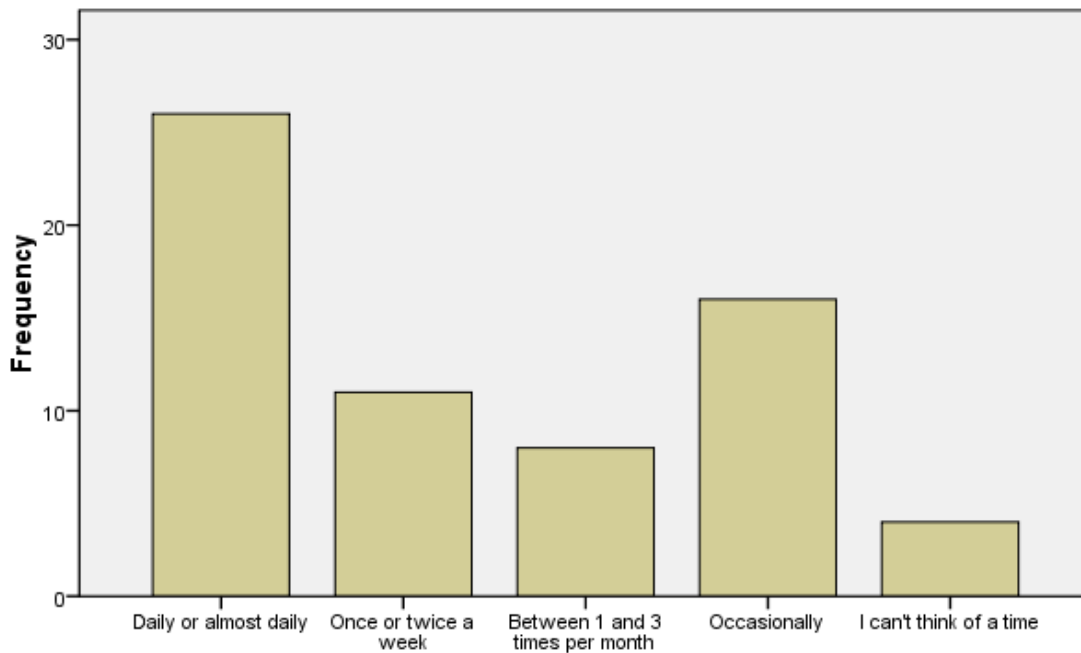
**Pre - I notice astronomy in news articles and other media**

**Pre - I notice celestial objects or phenomena in the sky**



**Pre - I notice celestial objects or phenomena in the sky**

**Pre - I use general skills that astronomers apply in their research to make decisions**

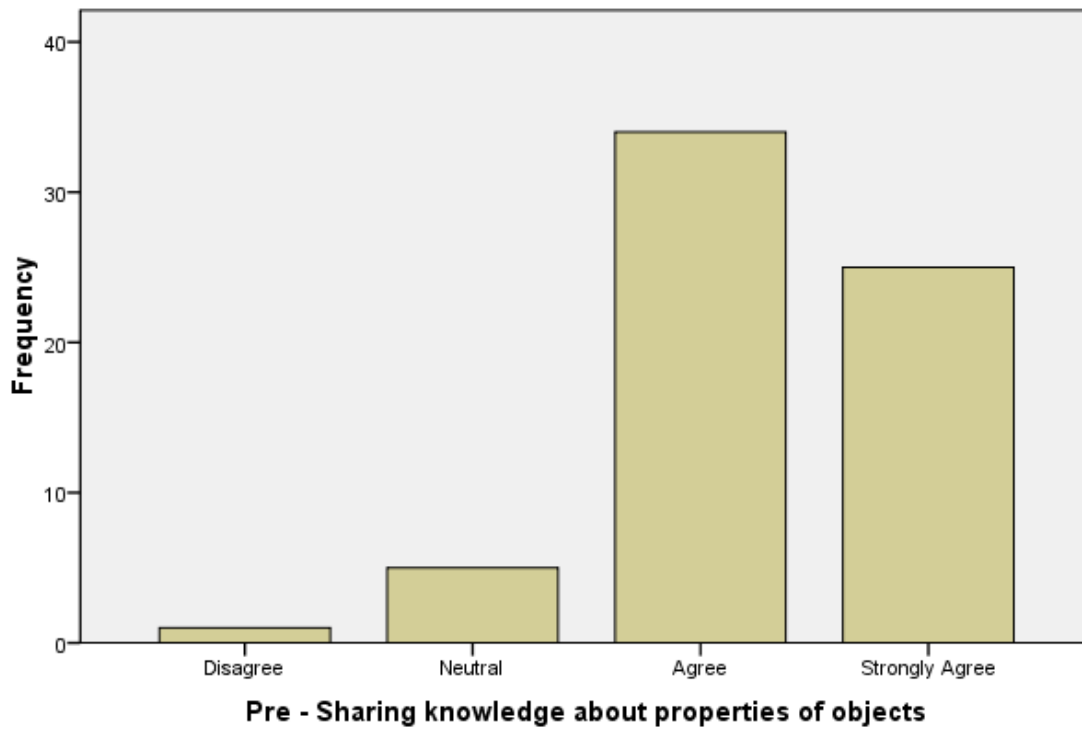


**Pre - I use general skills that astronomers apply in their research to make decisions**

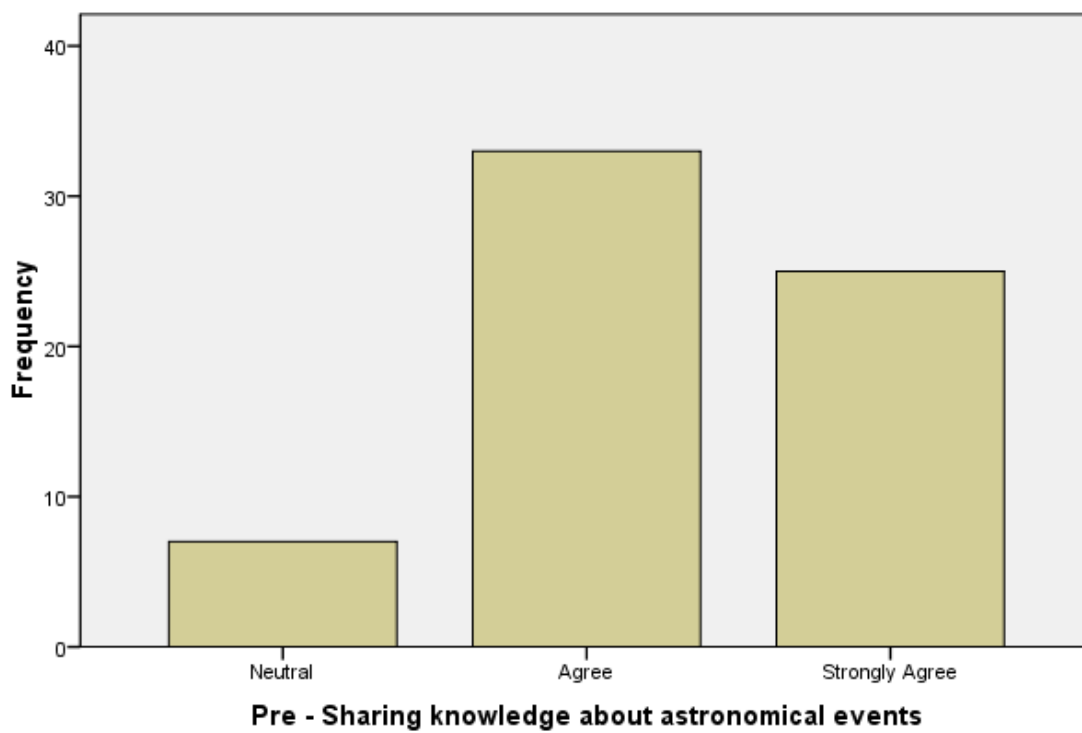
**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Pre - Identifying planets, stars, etc.	65	2	5	4.40	.680
Pre - Sharing knowledge about properties of objects	65	2	5	4.28	.673
Pre - Sharing knowledge about astronomical events	65	3	5	4.28	.650
Pre - Describing cause of moon phases	65	2	5	4.17	.741
Pre - Describing how we are related to the stars to family &/or friends	65	2	5	3.97	.901
Pre - Describing how we are related to the stars to others	65	2	5	3.89	.921
Pre - Astronomy skills useful outside of class	65	2	5	4.11	.732
Pre - Receiving astronomy book or equipment as present	65	1	5	3.63	1.153
Pre - Reading books about astronomy or space	65	1	5	3.45	.969
Pre - Watching TV about astronomy or space	65	1	5	3.89	.868
Pre - Reading articles about astronomy or space	65	1	5	3.68	.886
Pre - Listening to astronomy-related podcasts	65	1	5	2.92	.835
Valid N (listwise)	65				

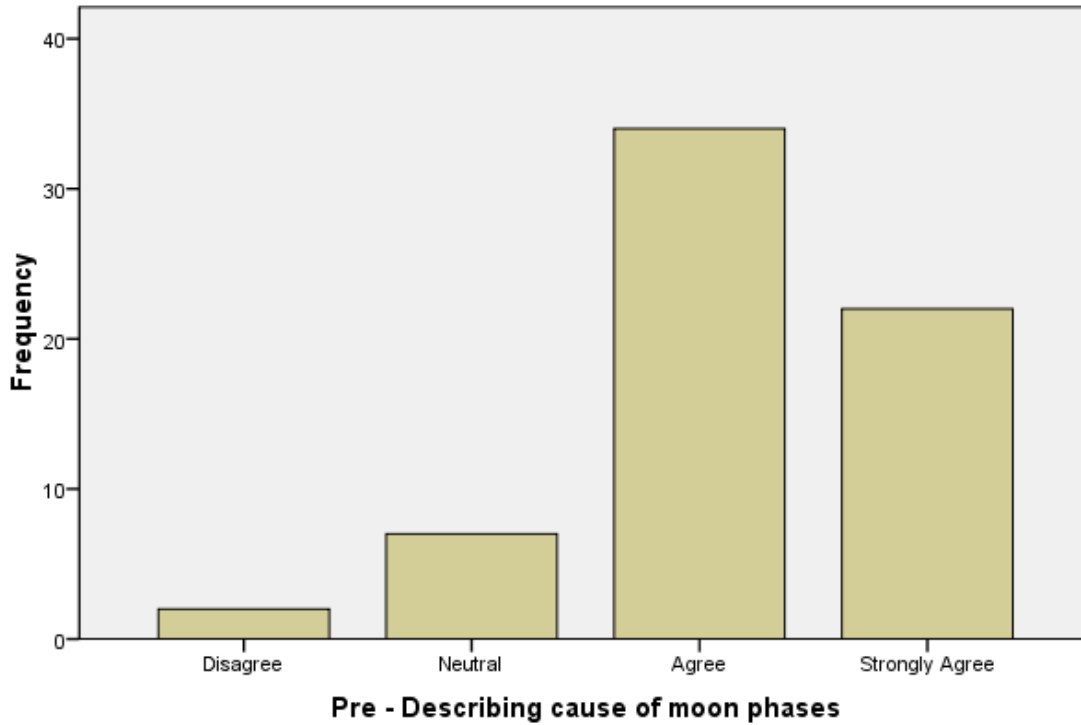
### Pre - Sharing knowledge about properties of objects



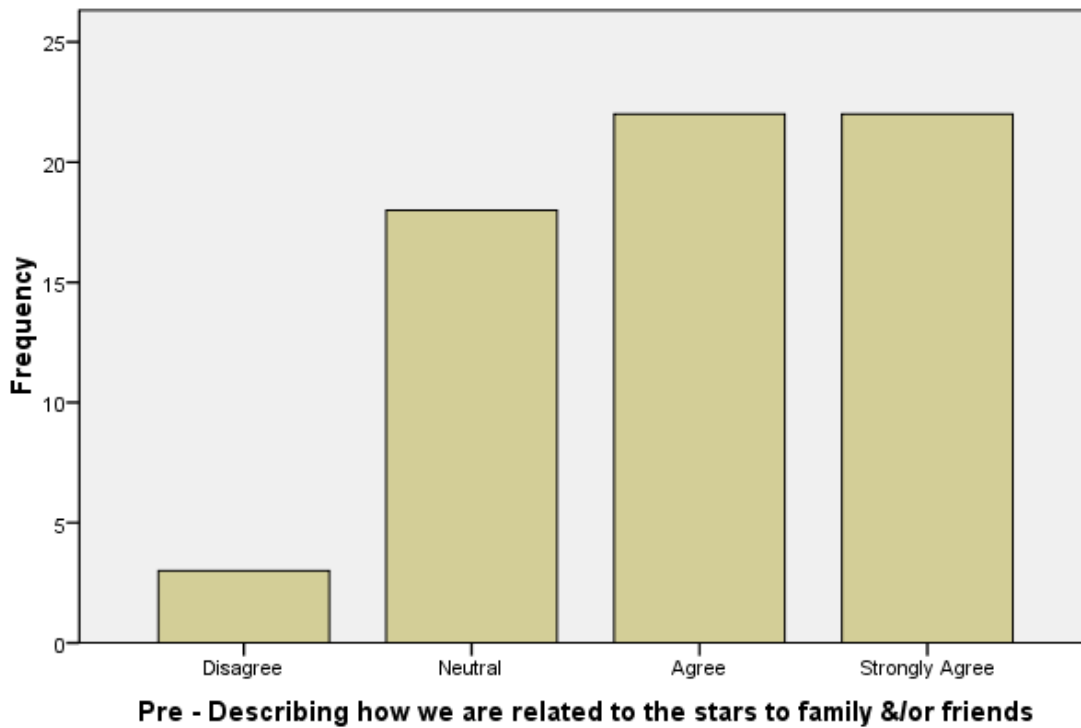
### Pre - Sharing knowledge about astronomical events



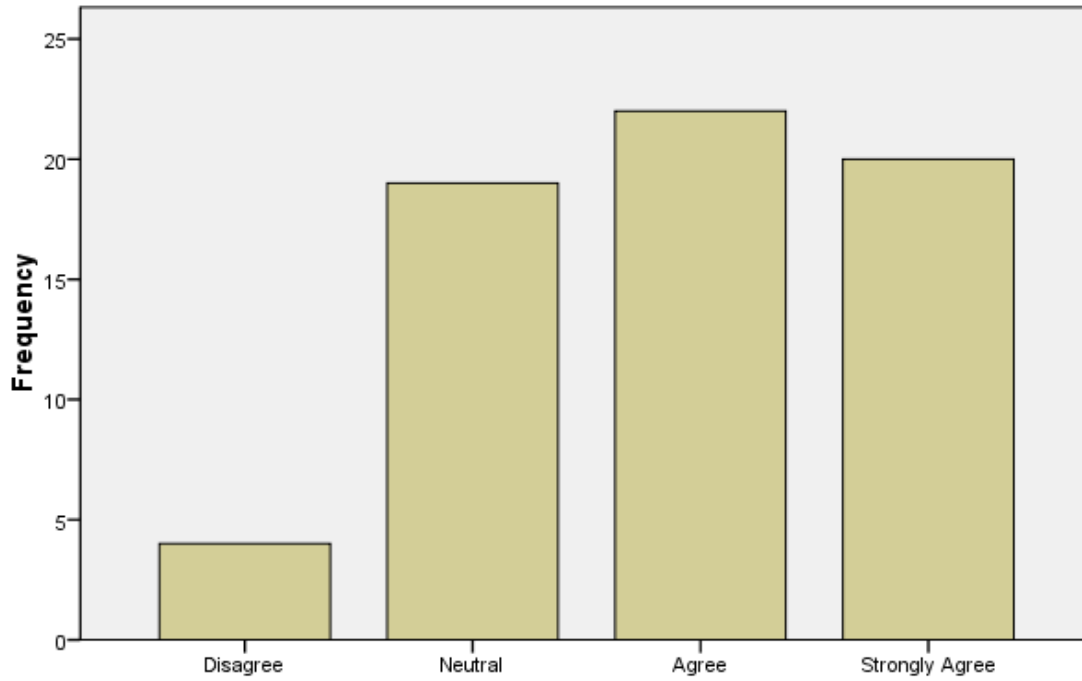
**Pre - Describing cause of moon phases**



**Pre - Describing how we are related to the stars to family &/or friends**

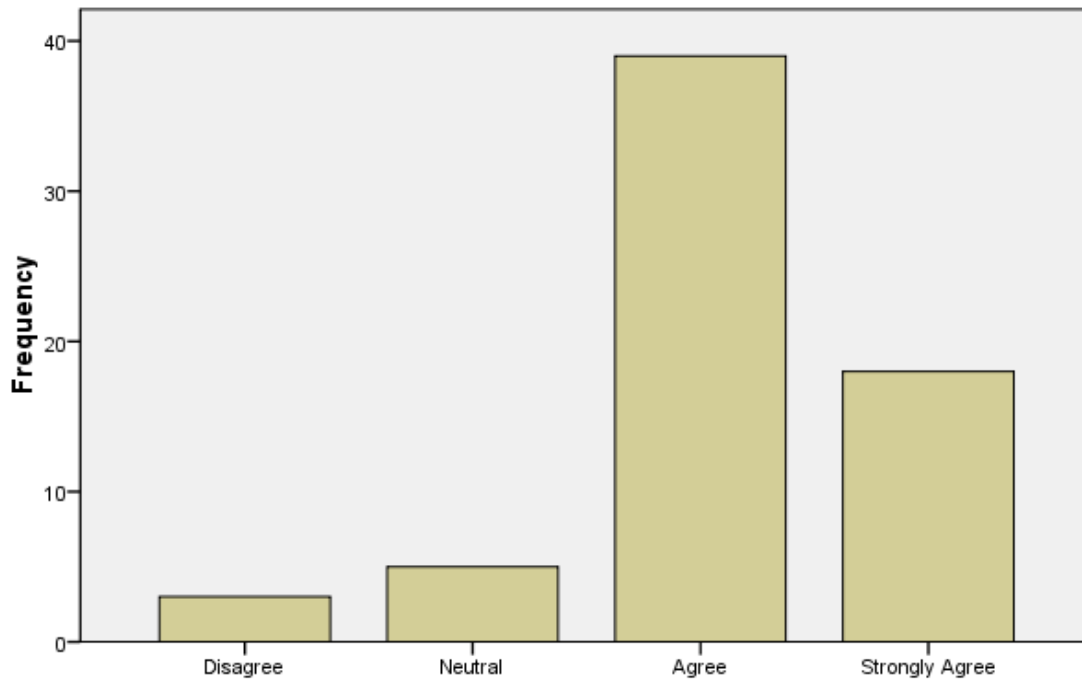


**Pre - Describing how we are related to the stars to others**



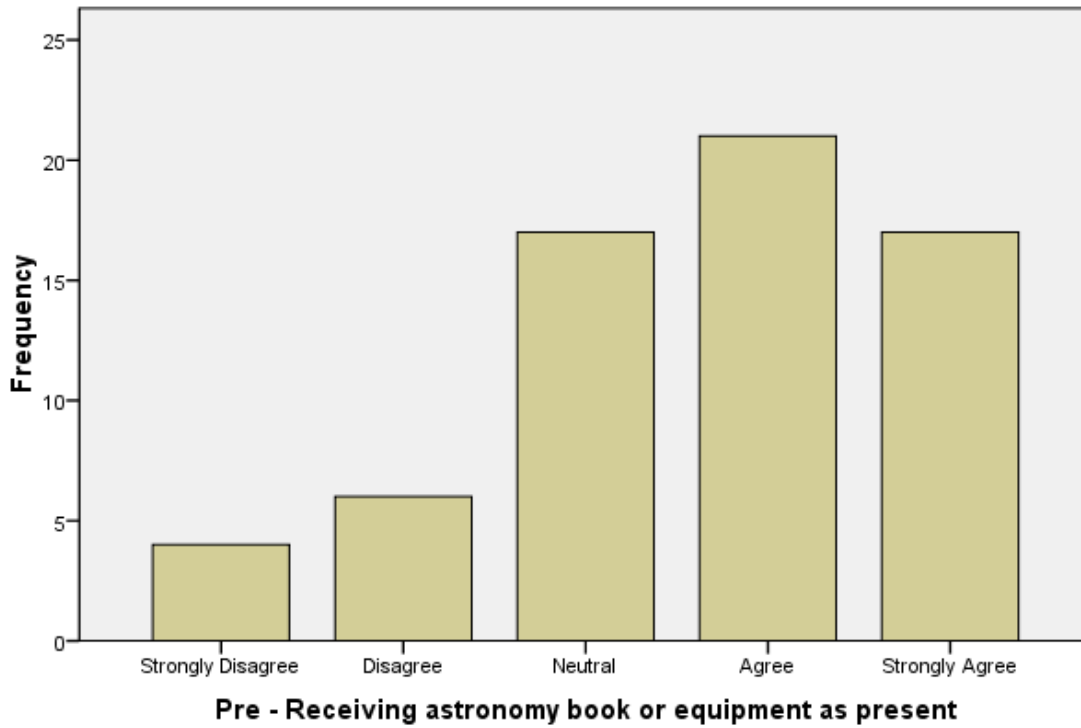
**Pre - Describing how we are related to the stars to others**

**Pre - Astronomy skills useful outside of class**

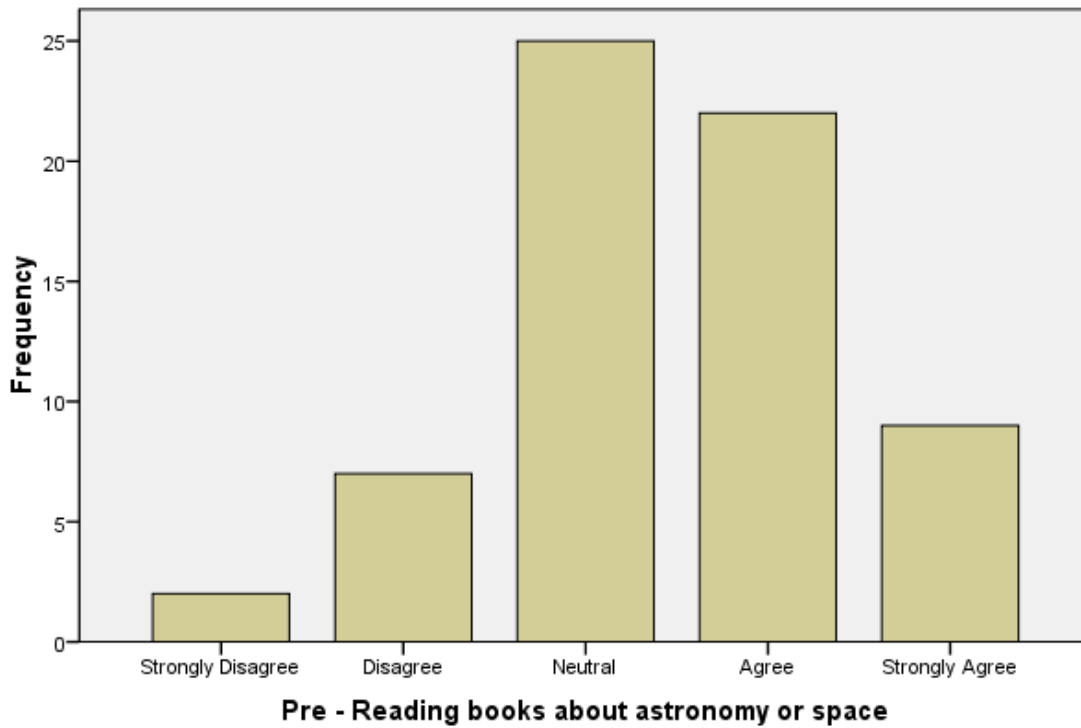


**Pre - Astronomy skills useful outside of class**

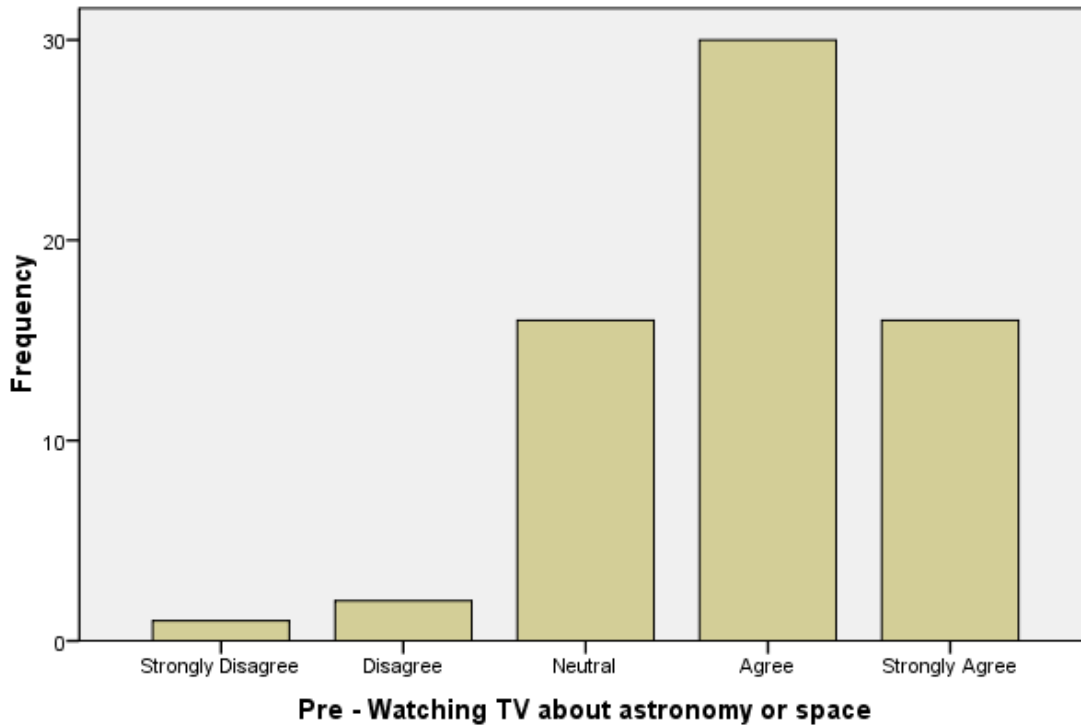
**Pre - Receiving astronomy book or equipment as present**



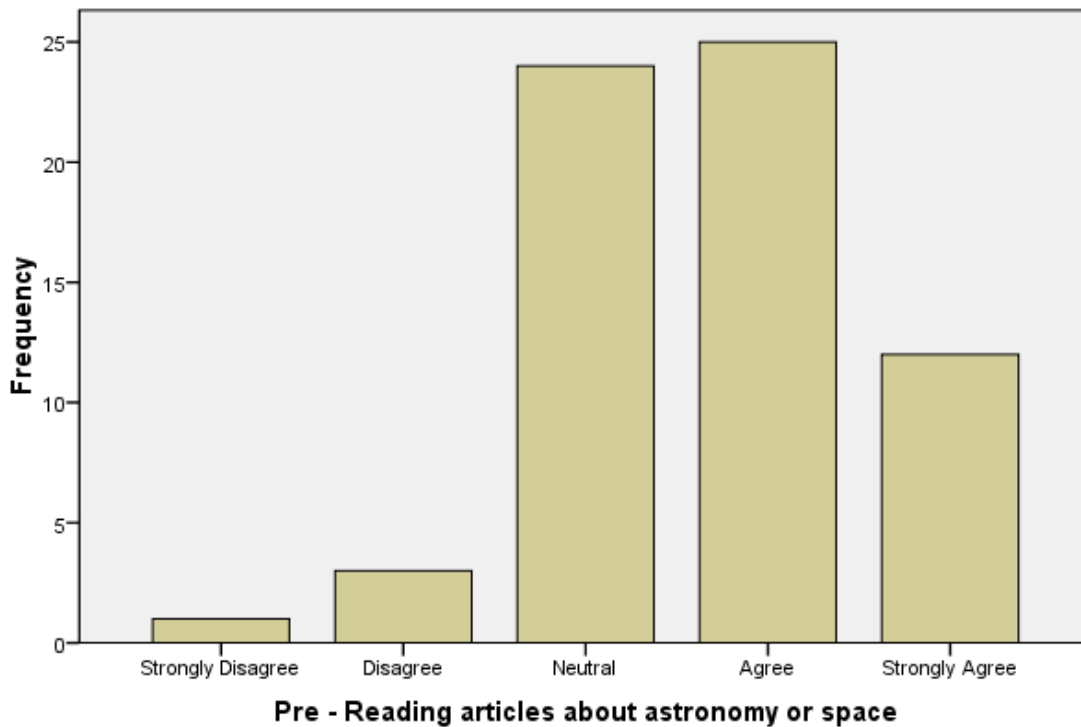
**Pre - Reading books about astronomy or space**



**Pre - Watching TV about astronomy or space**



**Pre - Reading articles about astronomy or space**



### Pre - Listening to astronomy-related podcasts

