

37. Bases have lower PH numbers than Acids.  
a. True  
 b. False
38. Soft water makes better soap suds than hard water.  
 a. True  
b. False
39. The longest day of the year in the Southern Hemisphere is \_\_\_\_\_.  
 a. December 21<sup>st</sup>  
b. September 22<sup>nd</sup>  
c. June 21<sup>st</sup>
40. Galileo made the first refracting telescope.  
 a. True  
b. False
41. Reflecting telescopes create upside-down images.  
 a. True  
b. False
42. The limit of parallax space measurements is 20 light years.  
 a. True  
b. False
43. Spectral lines are red shifting in the closest stars.  
 a. True  
b. False
44. The speed of light was first measured by \_\_\_\_\_.  
a. Einstein  
b. Bohr  
 c. Fizeau  
d. Plank
45. Scientists now believe there is a black hole in the middle of our solar system.  
 a. True  
b. False