Boiling – Sample Questions

37. a. b.	What is the process of a substance changing from condensation evaporation	c.	olid to a vapor without passing through the liquid phase? sublimation vaporization
38. a. b. c. d.	Why would a camper near the top of Mt. Every There is greater atmospheric pressure than at The flames are hotter at that elevation. There is less atmospheric pressure than at sea The atmosphere has less moisture.	sea le	evel.
39.	During boiling, the temperature of a liquid		
a. b.	remains constant. increases.	c. d.	
	Which is true regarding evaporation and boiling		
a. b.	Evaporation takes place at the surface Boiling takes place at the surface	d.	
52.	As the atmospheric pressure on the surface of		
a. b.	decreases. increases.	c. d.	remains unchanged. shows no correlation.
 True or False: 1. A liquid can "be made hotter" (risen to a higher temperature) than its' boiling point temperature. 2. Boiling a liquid always requires the input of heat energy. 3. Water can be made to boil at room temperature. 			
37. 38. 39. 48. 52.	c a a		