

10. **GRAPHING EXERCISE(5 points)**

At elevations of about 3500 meters above sea level, the decreased amount of oxygen available begins to affect the human respiratory system. People experience the symptoms of altitude sickness, including dizziness and blurred vision. The table below shows the results of some studies conducted to determine the effects of high altitudes on humans.

**ON THE PIECE OF BLANK PAPER PROVIDED, CONSTRUCT A FREE-HAND LINE GRAPH WHICH REPRESENTS THE INFORMATION SHOWN IN THE TABLE BELOW.**

**EFFECT OF ALTITUDE ON PERCENT ARTERIAL OXYGEN SATURATION**

	<u>Percent Arterial Oxygen Saturation</u>	
	<u>Breathing Air</u>	<u>Breathing Pure Oxygen</u>
<u>ALTITUDE(meters)</u>		
0	98	100
1500	95	100
3000	90	99
4500	84	98
6000	72	98
7500	50	97
9000	0	96
10500	0	95
12000	0	90
13500	0	75
15000	0	50