

Unit 13

Nose vs. Mouth Temperature Lab



Miss School, Miss Out!



Nose vs. Mouth Air Temperature Lab

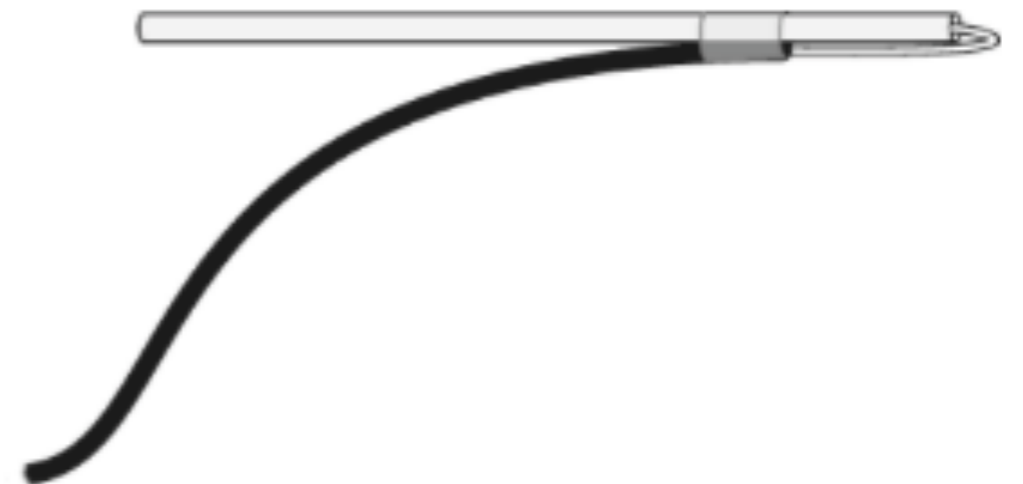
Question: Which warms incoming air more, breathing through the nose or breathing through the mouth?

Hypothesis:

Observations: Data tables for personal data and class data.

Analysis: Numerically analyze the data.

Conclusion: Support or reject your hypothesis **USING** data.



Personal Data

	Trials	
	Through Nose	Through Mouth
1		
2		
3		
4		
5		
Average		

Class Data

	Average Temperature (F)	
	Through Nose	Through Mouth
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
Average		

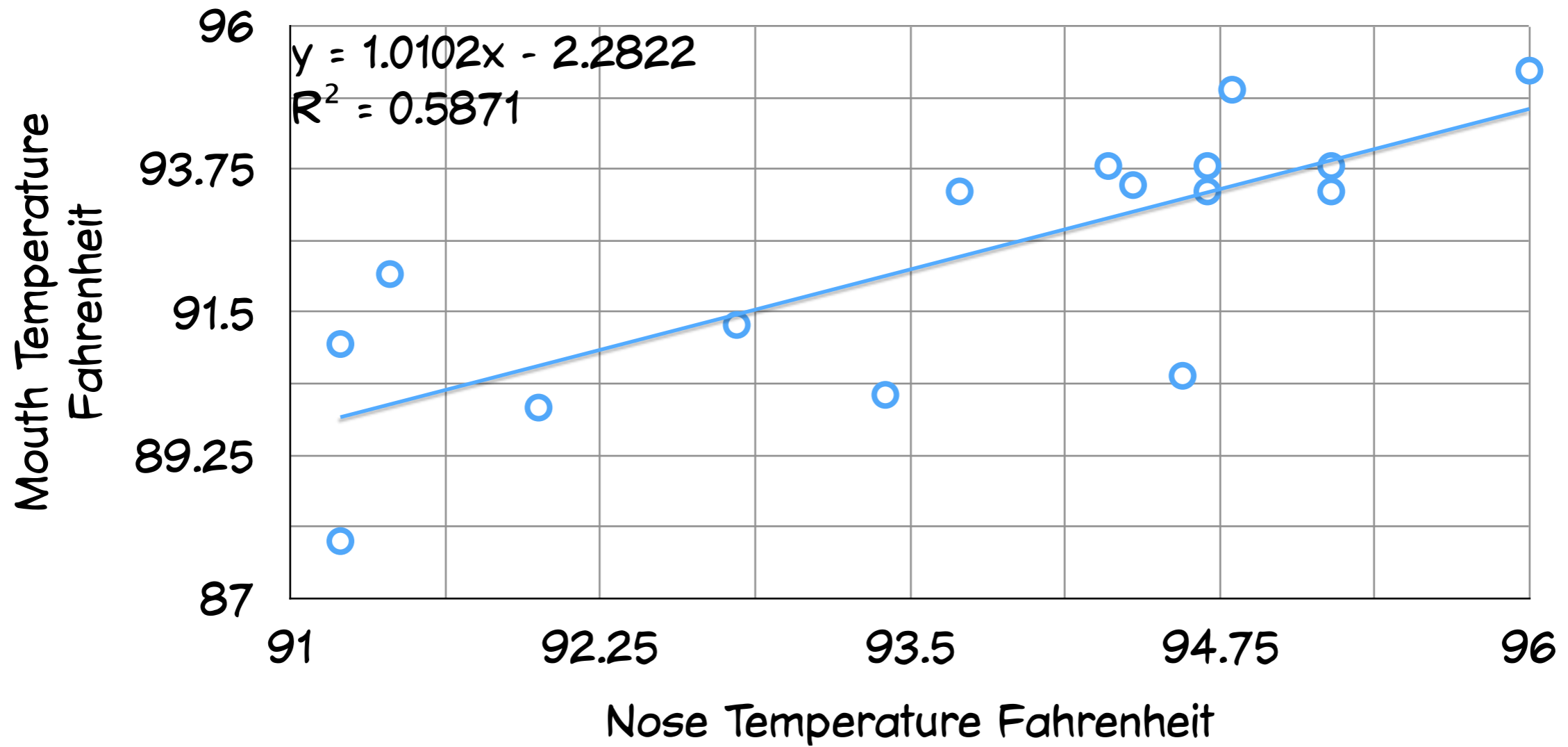
Class Data

	Average Temperature	
	Through Nose	Through Mouth
1	94.7	93.4
2	91.4	92.1
3	91.2	87.9
4	92.8	91.3
5	93.7	93.4
6	94.4	93.5
7	95.2	93.8
8	91.2	91
9	94.7	93.8
10	94.8	95
11	95.2	93.4
12	96	95.3
13	94.3	93.8
14	92	90
15	94.6	90.5
16	93.4	90.2
AVE:	93.7	92.4

Graph

R = 0.77

Mouth vs. Nose Temperatures



END



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