Math 115 - Quiz 6
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October 9, 2014

Name		
- 1 31-2-3	Score	

Show all work to receive full credit. Supply explanations when necessary.

1. (2 points) The data below show the maximum daily temperatures (in °F) at Chicago's O'Hare Airport during the month of April 2014.

(a) Find the percentile for 66°F.

(b) Find the temperature at the 50th percentile.

2. (3 points) Suppose you paid \$3.07 for gas when the mean and standard deviation were \$3.20 and \$0.06, respectively. Then you paid \$3.50 for milk when the mean and standard deviation were \$3.67 and \$0.09, respectively. Compute the z-scores for the gas and milk. Was either price unusually low?