Problem of the Week
Problem D
How Much?

At a fundraiser hosted by a local restaurant, customers can pay as much or as little as they like for a meal, as long as they pay at least \$1. Any profits are donated to a local charity. One evening, the mean (average) price paid per customer was \$55. One more customer walked in and paid \$70 for a meal, bringing the average up to \$56. What is the highest possible price that a customer could have paid for their meal that evening? Do you think the amounts in your solution are reasonable for this situation?