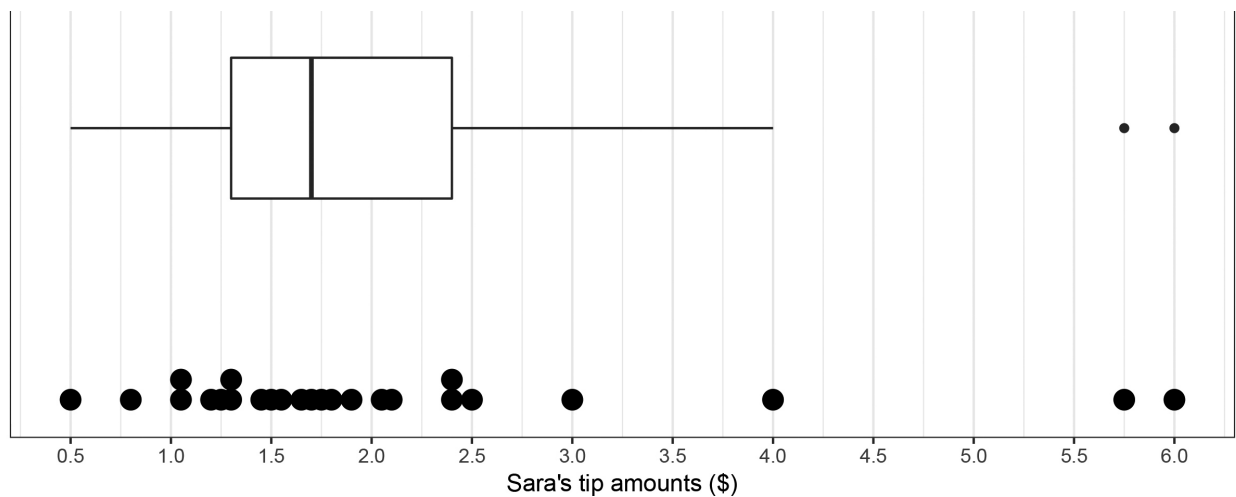


Name _____

Investigation 1: Could You Be an Olympic Swimmer?

Exit Ticket

How much of a tip should you leave at a restaurant? Currently, the standard tip is between 15% and 20% of the pre-tax amount of the bill. Sara, a high-school senior was working part-time at a local diner. Most items on the menu were from \$6.50 to \$12.00, and most of the tables she served had either one or two diners. One Saturday, Sara kept track of the tips she earned for 25 tables she served. Below is a box plot and dot plot of the tip amounts.



Using the two graphical representations, describe the distribution of the amount of the tips Sara received on the Saturday. Include in your description the center and spread of the data.