Name:			Date:				
	T	urning Obser	vations	into Da	ta		
		Pa	art 1				
	ables that can be r these? Record yo					names could you	
Numerical Variables				Categorical Variables			
		Pa	art 2				
	le names you chosut the person on yo		e a data t	table and	use the first row to	record the	
Compare your card's values to your team members' and add their data to your table. If there are extra cards left over, record those observations as well.							

Name:	Date:
Name.	Date.

Turning Observations into Data

Part 3

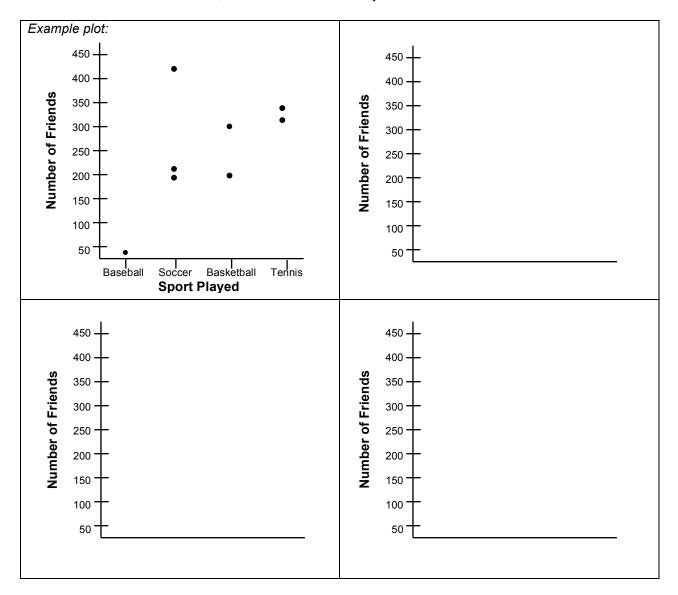
Consider the following research question:

What determines the number of friends a person has on social media?

Which variables do you think might be related to the number of friends a person has on social media?

Example: Sport Played

Create a few plots by hand using the data from Part 2 to investigate this question. Each plot should include 2 variables – # of friends, and one of the variables you selected.



Name:	Date:
Turning Observ	ations into Data
Pa	rt 4
Which variable showed the strongest relationship to t	he number of friends?
Describe how the two variables are related.	
Do you believe that the number of friends a person have variable you selected? Explain.	as on social media can always be determined by the
Can you think of another variable (not necessarily giv number of friends AND the variable you selected? Gi of the variables.	en in the pictures) that might impact both the ve an example and explain how it might impact each