Name:			Date:					
Turning Observations into Data								
Part 1								
Name the 6 variables that can be recorded from the picture on your card. What variable names could you use to represent these? Record your answers in the correct column below.								
Nur			Categorical Variables					
	_	Pa	rt 2	_	_			
	e names you chos the person on you		a data table and	use the first row t	o 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:		
manne.		

## **Turning Observations into Data**

## Part 3

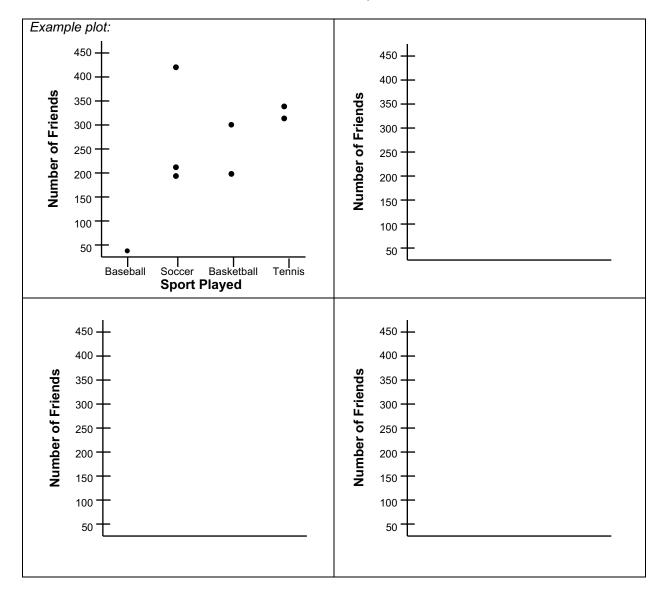
Consider the following research question:

## 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 Observations into Data	
Part 4	
Which variable showed the strongest relationship to the number of friends?	
Describe how the two variables are related.	
Do you believe that the number of friends a person has on social media can always variable you selected? Explain.	ays be determined by the
Can you think of another variable (not necessarily given in the pictures) that mig number of friends AND the variable you selected? Give an example and explain of the variables.	