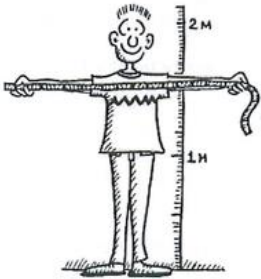


1. Measure, in centimeters, the height and arm span of each person in your group. Record your data in the table in a table like the one shown here:



Student	Height	Arm span

- a. What one height would be most typical or representative of your group?
 - b. Do you think the typical height in your group would be the same as the typical height of the entire class? Explain your reasoning.
 - c. How much variation is there in the arm spans of your group?
 - d. Do you think the amount of variation in arm spans of your class would be less than or greater than the variation in your group? Explain your reasoning.
2. Now, combine your data for heights and arm spans with the data from other groups and record them in another table. Call it the Class Data Table.
- a. Use the Class Data Table to find a typical height for the entire class. Do still agree with your answer to number 1 part b?
 - b. After examining the Class Data Table, do you still agree with your response to number 1 part d?
3. On the basis of the data from your class, does there seem to be a relationship between height and arm span?

