The 6 Steps of Data Collection

1. Predictions:

Predictions

1) I predict that more people will be born in Autumn than in any other season. (Sep, Oct, Nov)

2) I predict that most people will have at least 1 pet.

3) I predict that the average number of brothers and sisters will be 2.

2. Questionnaire:

Questionnaire

What gender are you?	Male	Female
What month is your birthday?	Jan Feb Mar Apr May Jun	
	Jul Aug Sep Oct Nov Dec	
How many brothers and sisters do you have?	0 1 2 3 4 >4	
How many pets do you have in your home?	0 1 2 3 4 >4	

3. Data Collection Sheet:

Data Collection Sheet

Gender	Birthday	Siblings	Pets
(M or F)	(Jan - Dec)	(0, 1, 2, 3, 4, >4)	(0, 1, 2, 3, 4, >4)

4. Results Tables:

Tables of Results

Gender	People
M	
F	

Birthday	People
Jan	
Feb	
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	
Oct	
Nov	
Dec	

5. Graphs:

Siblings	Number
None	3
1	4
2	7
3	6
4	1
>4	3

Number of Siblings

Siblings	Number
None	3
1	4
2	7
3	6
4	1
>4	3

Number of Siblings

Legend: None, 1, 2, 3, 4, >4
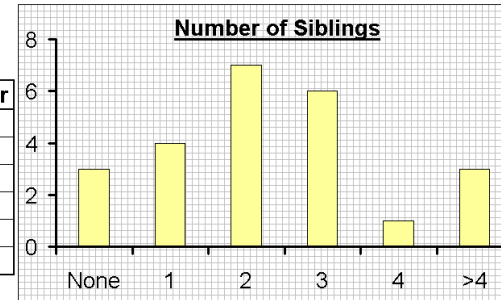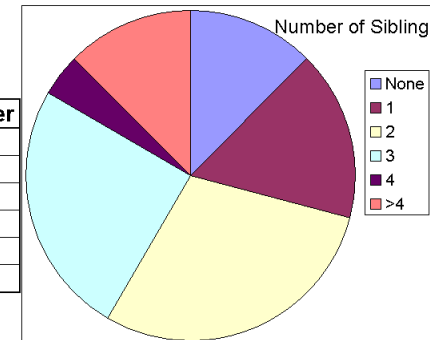
6. Conclusions:

Conclusions

1) I conclude that Winter was the most popular season for birthdays.

2) I conclude that most people have 2 or more pets.

3) I conclude that the (modal) average number of siblings is 2.