Finding Patterns in Data

2	4	6	8	10					

Pattern _____

17	19	21	23	25					

Pattern _____

48	44	40	36	32					

Pattern _____

27	25	23	21	19					

Pattern _____

40	38	36	34	32					

Pattern _____

-5	-3	-1	1	3					

Pattern _____

96	88	80	72	64					

Pattern _____

13	11	9	7	5					

Pattern _____

7	14	21	28	35					

Pattern _____

22	20	18	16	14					

Pattern _____

12	18	24		36		48			66

Pattern _____

-64		-48		-32	-24			0	8

Pattern _____

-8	-6		-2		2		6		10

Pattern _____

	-3	0		6	9	12		18	21

Pattern _____

	18	24			42		54		

Pattern _____

10		15		5		10			10

Pattern _____

4		38		72	89				157

Pattern _____

2	5		6		7				9

Pattern _____

1	2	8		15					30

Pattern _____

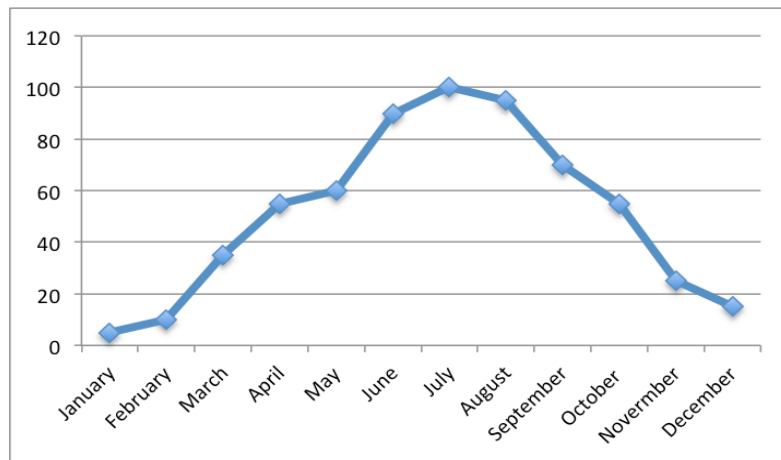|	6		12		9		15	3	

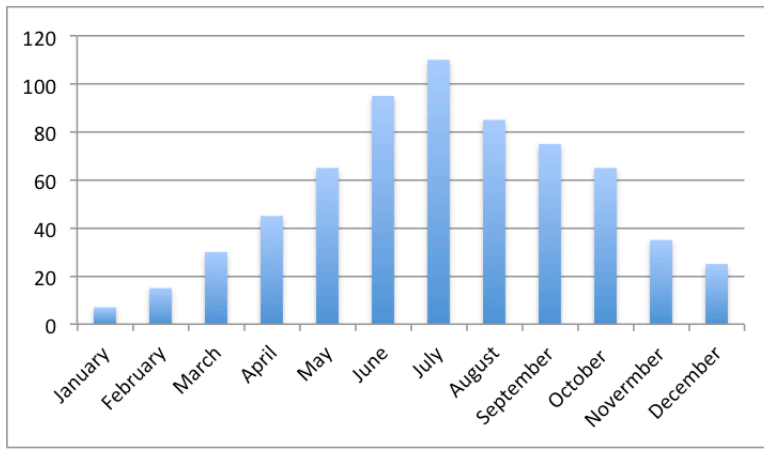Pattern _____

Finding Patterns in Graphs
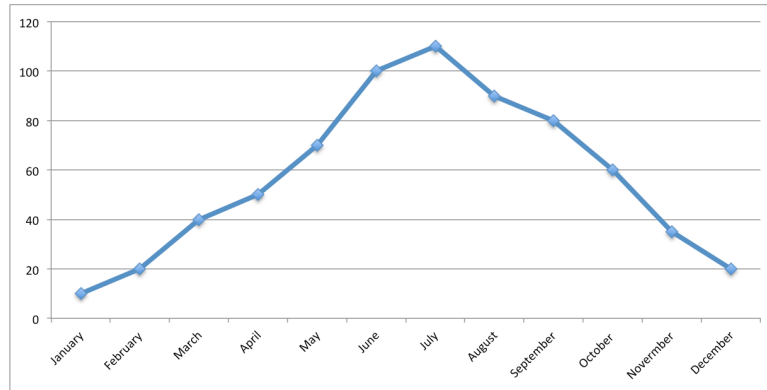
Graph #1

1. What evidence can you see in the above graph?
    a.
    b.
    c.
    d.

2. What inference can you draw based on the evidence you listed above?

_____

_____

Graph #2

3. NOW...looking at graph #2 evidence can you see?
    a.
    b.
    c.
    d.
4. Looking at Graph #1 and Graph #2 what patterns can you see between them?
    a.
    b.
    c.
    d.

Graph #3

5. Look at Graph #3 and find the evidence.
   a.
   b.
   c.
   d.
6. When you compare graphs #1, #2 and #3 start looking at the patterns.
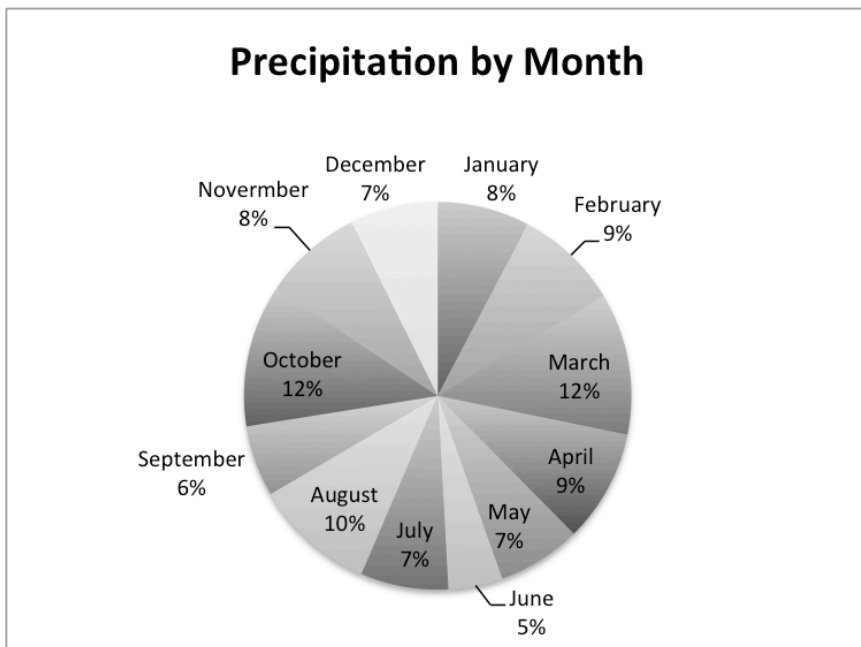   *Remember…LOOK at the EVIDENCE in each graph.*

Patterns in the months:

Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Range												

Patterns in a series of months:

Months				
Season				
Range				

7. If you were to use the evidence and the patterns you have seen in the three graphs what month of the year would you suggest to have an outdoor party? _____.

NOW… review the following graph and decide if you want to change your answer to the above question.

What month would you suggest the party be held after reviewing the new graph?

_____

What evidence are you using to support your new answer?

_____