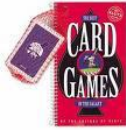


Name _____

DUE DATE: _____



SEQUENCES DUE ON: _____

FINAL GAME DUE ON: _____

SEQUENCE PROJECT

Accelerated (50 points)

- 1. You may work with a partner (from your class) or you may work alone.**
- 2. In this packet is a list of sequences – choose 36 to solve. Complete the sequence and describe each pattern. You must hand in the answers (the next three terms in each sequence) on the chart provided.**
- 3. Now develop 6 sequences of your own. You must provide at least the first 5 terms and the sequences must be more complex than just adding, subtracting, multiplying or dividing. Your sequences can use numbers, letters or shapes.**
- 4. If you are working with a partner you must each complete 36 sequences individually and you must each develop 6 sequences of your own.**

- 5. Use the 36 sequences you were given and the 6 you invented to develop a simple game. If you are working with a partner use 42 of the given sequences and 9 original ones.**
- 6. Your game may be a board game, a dart game, Bingo, Jeopardy, a powerpoint game, etc. Start by deciding what type of game you want to create. Write down your ideas and then draw a rough draft of your design. Make changes to your drawing and then create your game!**
- 7. Your game must be no bigger than a large sheet of poster board or can be on a CD if it is a computer game.**
- 8. Your game must be:**
 - Colorful**
 - Creative**
 - Educational**
 - Neat**
 - Well Organized**
 - Accurate**
- 9. Your game must use the 42 sequences some place while playing the game. If you are working with a partner your game must use the 51 sequences.**
- 10. Your game must have clearly written directions/rules and must tell how someone can win.**
- 11. Your game must have a snappy name.**
- 12. We will be playing the games during class, so they need to be ready to go!!**

Name: _____ Partner: _____



SEQUENCE PROJECT

List the sequences which you solved below. Add your creative sequences to the end of the list. Be sure to check your partner's sequences for accuracy!

Sequence #	Sequence Pattern (only write the next 3 terms)	Description
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

13		
14		
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41		
42		
43		
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45		
46		
47		
48		

49		
50		
Original		
Original		
Original		
Original		
Original		
Original		