

Name _____

DUE DATE: _____



SEQUENCES DUE ON: _____

FINAL GAME DUE ON: _____

SEQUENCE PROJECT **(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 22 to solve. Solve them and describe each pattern. You must hand in the answers (the next three terms in each sequence).**
- 3. Now develop 4 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 22 sequences individually and you must each develop 4 sequences of your own.**
- 5. Use the 22 sequences you were given and the 4 you invented to develop a simple game. (If you are working with a partner you and your partner should select 35 sequences of the ones you completed individually to use in your game and 6 of the ones you designed.)**

- 6. Your game may be a board game, a dart game, Bingo, Jeopardy, a Power Point 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 26 sequences (the 22 you selected from the given list and the 4 you developed or the 35 and 6 if you are working with a partner) some place while playing the game.**
- 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		
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50		
Original		
Original		
Original		
Original		