Name_____

Geometric Sequence Book

You will be making a book about Geometric Sequences and Exponential Relationships. Make sure you label your page numbers in your book.

_____/2pts On the Cover and Page 1 Write: **Geometric sequences by your name**, Then write a definition of **Geometric** Sequence and give an example.(string of sequence numbers)

_____/2pts Page 2: **Write**: Exponential Relationship is Geometric Sequence. Give a definition of Exponential relationship. Draw a picture of an example of Exponential relationship of your choice.(sequence of numbers, graph, table, equation)

_____/2ptsPage 3: **Write:** Graph of Exponential relationship. Then draw a graph of an example of a Exponential graph. (You can glue on a piece of graph paper if it helps you.)

_____/2pts Page 4: Write: Equation of a Exponential Relationship. Then give an example of a Exponential equation .

_____/2pts Page 5: **Write:** Real life example of a Exponential relationship. Then write a situation of a Exponential relationship.

_____/2pts Page 6: **Write:** Table of Exponential Relationship. Then make a table that is a Exponential relationship.

_____/4pts Page7: **Write: growth factor**. Give an example of how you can find it in the equation, table, and graph.

_____/4pts Page 8: **Write:** Y intercept/starting value. Give an example of how you can find it in the equation, table, and graph.

_____/20pts total   Turn in this sheet with your book. Worth 2 extra credit points.