

Name_____

Arithmetic Sequence Book

You will be making a book about arithmetic sequences and linear relationships. Make sure you label your page numbers in your book.

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

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

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

_____/2pts Page 4: **Write:** Equation of a Linear Relationship. Then give an example of a linear equation in slope intercept form.

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

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

_____/4pts Page 7: **Write:** Slope. Give an example of how you can find it in the equation, table, and graph.

_____/4pts Page 8: **Write:** Y intercept. 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.