GRAPHING RELATIONS

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To create a story from a mathematical expression, create a table of values and use the data to make a line graph.

Necessary Information:

All of the relations we study in Grade 7 mathematics are linear. This means that when we graph the data from the table of values the points create a straight line.

Practice Section:

Choose one of the following expressions to work with for this homework sheet. Circle your choice.

A) 8 + h   B) $\frac{g}{2}$ C) m – 2   D) 2u + 3

a. Write a story for your expression.

b. Create a table of values based on your relation.

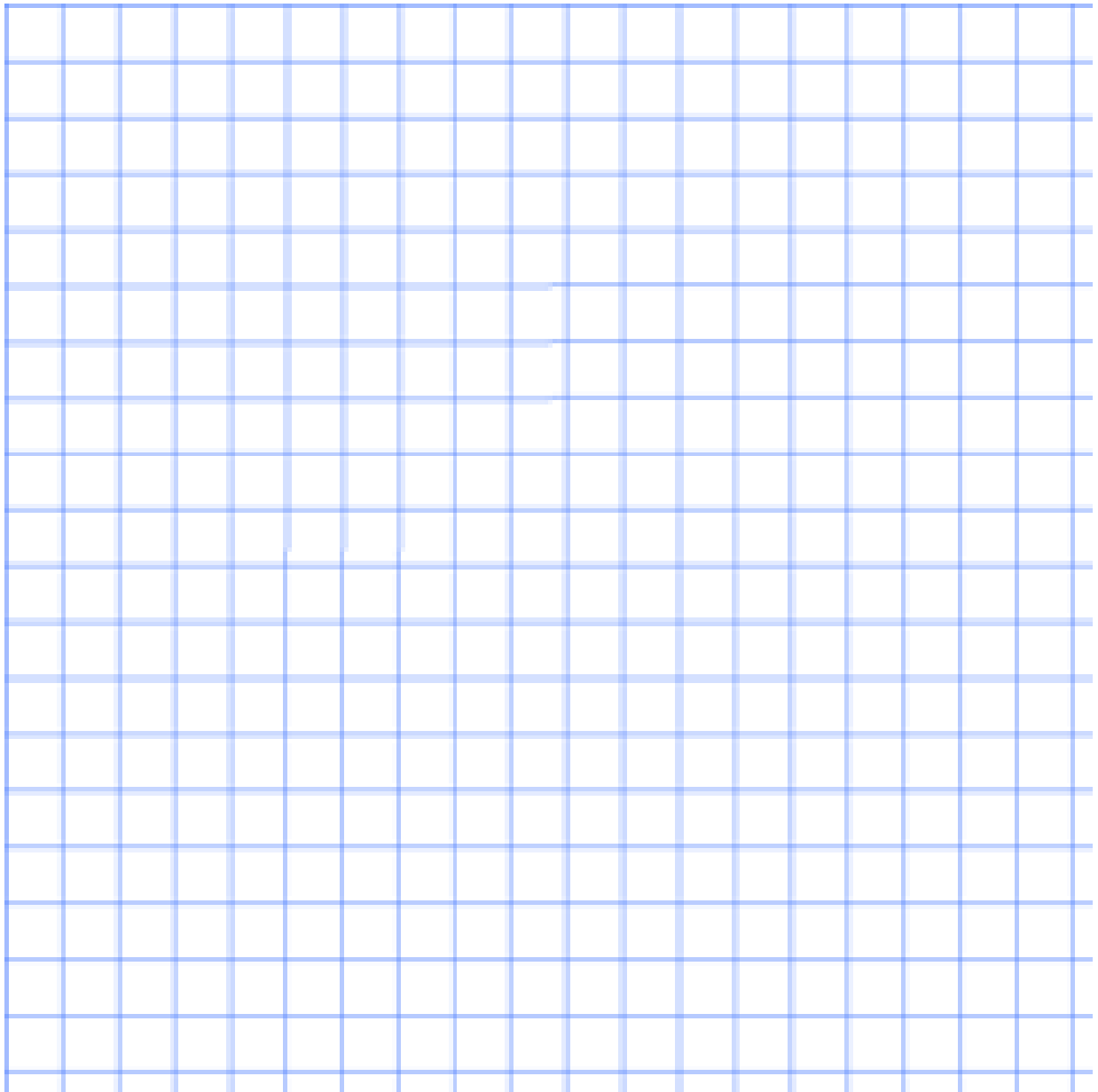|	

c. Graph your data.

In <u>Your</u> Real World:

Discuss with a family member all of the features that are necessary for a completed line graph.