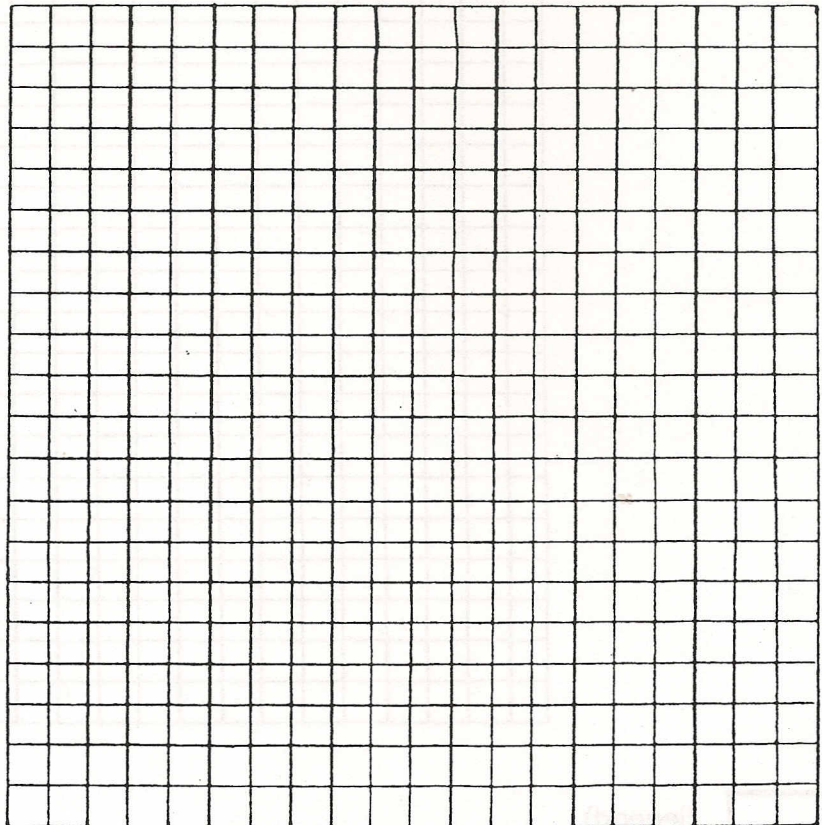


Procedure: Using the following data, answer the questions below and then construct a line graph.

Time After Eating (hours)	Glucose ml/Liter of Blood (Person A)	Glucose ml/Liter of Blood (Person B)
0.5	170	180
1.0	155	195
1.5	140	230
2.0	135	245
2.5	140	235
3.0	135	225
4.0	130	200

1. What is the independent variable? _____
2. Explain. _____
3. What is the dependent variable? _____
4. Explain. _____
5. Graph the data below:
(title) _____



Key:

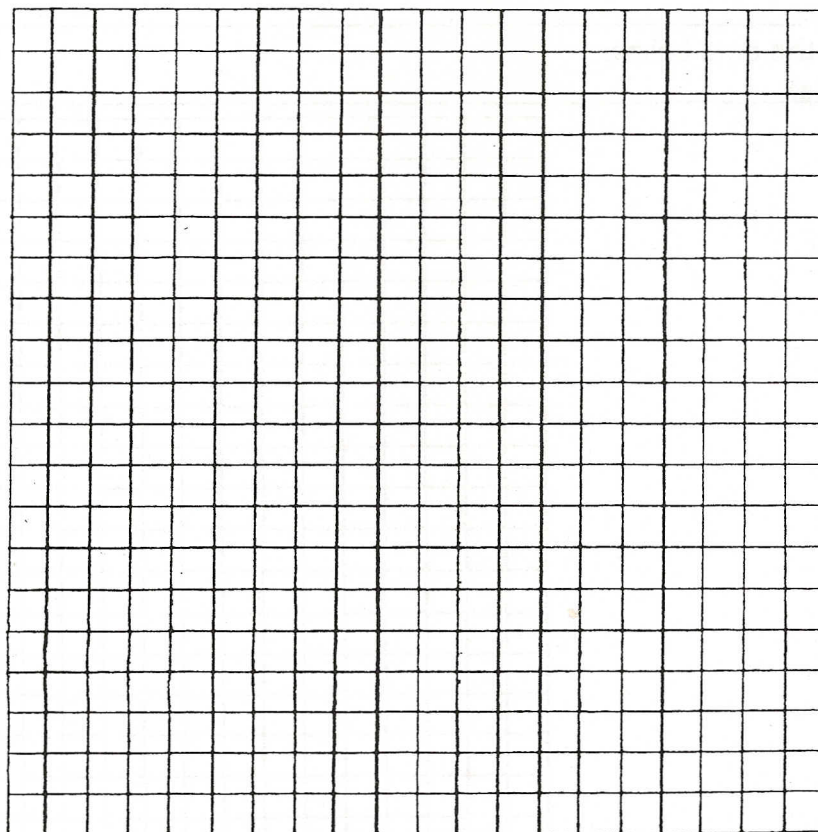
(legend) _____

6. Can the data in this graph be used to construct other types of graphs? _____
If so, what other kinds of graphs can be constructed? _____

Procedure 2: Using the following data, answer the questions below and then construct a line graph.

Depth in Meters	Number of Bubbles from Plant A	Number of Bubbles from Plant B
2	29	21
5	36	27
10	45	40
16	32	50
25	20	34
30	10	20

1. What is the independent variable? _____
2. Explain. _____
3. What is the dependent variable? _____
4. Explain. _____
5. Graph the data below:
(title) _____



Key:

(legend) _____

6. Can the data in this graph be used to construct other types of graphs? _____
If so, what other kinds of graphs can be constructed? _____