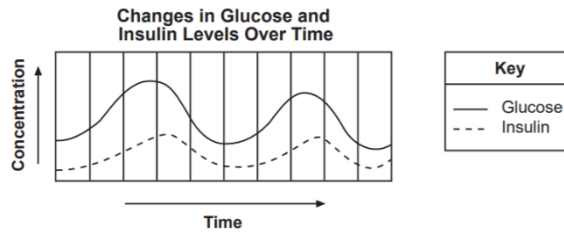


- |                       |                         |
|-----------------------|-------------------------|
| 1.) 47 mm = _____ cm  | 6.) 68.34 dm = _____ km |
| 2.) 4568 m = _____ km | 7.) 785 Hg = _____ mg   |
| 3.) 0.12km = _____ m  | 8.) 2.6 g = _____ cg    |
| 4.) 50 g = _____ mg   | 9.) 0.075 cm = _____ km |
| 5.) 2 L = _____ DL    | 10.) 1.23 L = _____ mL  |

- 11.) Samantha predicts that adding mass to a paper helicopter would affect its flight time. She adds different numbers of paper clips to her helicopter before each trial.
- What is the question for the experiment?
  - What is the independent variable?
  - List at least four constants.
  - What is the control group?
  - What is the experiment group?
  - What type of graph would best represent her data?

- 12.) The graph below shows changes in the concentrations of glucose and insulin in the blood of a human over a period of time.

What type of relationship is shown in this graph?



- 13.) Create an appropriate graph based on the data table below, which shows the estimated population of wolves in Minnesota from 1995 through 2002.

\*\*Make an appropriate scale, without any breaks, on each labeled axis.

**DON'T FORGET SULTAN**

**Minnesota Wolf Population**

Year	Estimated Population
1995	2000
1996	2200
1997	2300
1998	2450
1999	2500
2000	2600
2001	2600
2002	2600

