



New Vocabulary: dependent variable, independent variable
Review Vocabulary: variable

Vocabulary Review

- Identify two challenging vocabulary terms from this topic. Write one vocabulary term in the center oval, and fill in the surrounding boxes with details that will help you better understand the term.

Definition	Characteristics
	
Example	Nonexample

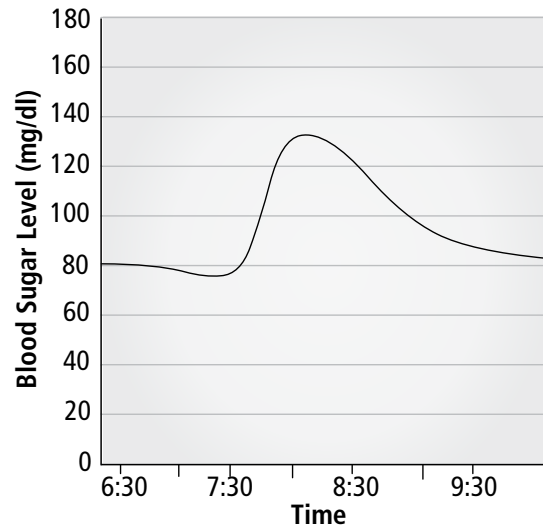
Definition	Characteristics
	
Example	Nonexample

Pull It All Together

TASK 1

Eating causes a person's blood sugar level to change. Here is a graph of a person's blood sugar level one morning.

- What is the independent variable?
- What is the dependent variable?
- What time did the person eat breakfast? Explain your reasoning.
- Name a point on the graph that shows the person's blood sugar has risen since breakfast.



TASK 2

A scientist is growing bacteria for an experiment. She makes a table showing the number of bacteria cells after each hour.

- Write a sentence describing the pattern you see in the table.
- Write an equation that shows the relationship between the number of hours and the number of cells.
- If this pattern continues, what will be the number of cells after 10 hours?

Hours	Number of cells
0	1
1	2
2	4
3	8
4	16