

Graphing Practice
Biology Honors and AP Biology

Hookworms (Phylum Nematoda) live in the human intestine, sucking blood from the intestinal wall. It is estimated that a single hookworm can drink 0.5 ml blood per day. The data chart below contains data on blood lost during infection with the specified number of hookworms. You will note that some of the data is missing. You will need to determine the missing values!

1. Reorganize the data the data in a 2nd data chart (5 points)
2. Determine the independent variable
3. Determine the dependent variable
4. Graph the data (15 points)
5. Determine the missing values (5 points)
6. Interpret the data (5 points)
 - a. Describe any trends you detect
 - b. Explain the pattern or make a prediction from the data

Data Table I	
# of Hookworms	Blood Loss mL/day
24	12
45	?
80	40
88	44
63	?
?	25
?	6

Data Table II	
# of Hookworms	Blood Loss mL/day

	<p style="text-align: center;">Interpretation:</p>
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