

Name: _____

Date: _____

Chapter 3 Project Checklist

1. For the first fence design
- the first 8-ft section uses 2 posts
 - each 8-ft section after that uses 1 more post
 - each section costs \$125
- I identified the variables that represent the cost of a fence for 1 to 5 sections.

- I created a table of values that shows the cost of a fence for 1 to 5 sections.

- I created a graph of the above data.



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BLM 3-7
(continued)

- I wrote an equation that can be used to calculate the cost when the number of sections is known.

_____.

- I identified the variables that represent the number of posts needed for a fence with 1 to 5 sections.

_____.

- I created a table of values that shows the number of posts needed for a fence with 1 to 5 sections.

- I created a graph of the above data.



Name: _____

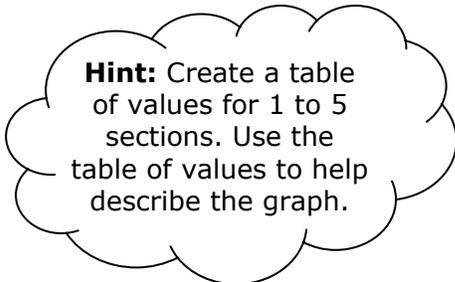
Date: _____

BLM 3-7
(continued)

- I wrote an equation that can be used to calculate the number of posts when the number of sections is known.

- 2. For the second fence design
 - the vertical sections use 6 boards
 - the horizontal sections use 7 boards

- I described what a graph of the number of boards needed for a fence with 1 to 5 sections would look like.



- 3. In my booklet

- I showed the materials and costs involved in building fences with 1 to 5 sections for each design.

- 4. Using my booklet

- I explained how the tables, graphs, and equations show what I have learned about linear relationships.

