

Name: _____

Date: _____

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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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(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.



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(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.

Hint: Create a table of values for 1 to 5 sections. Use the table of values to help describe the graph.

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.

