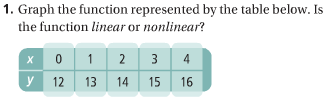
College Algebra 1

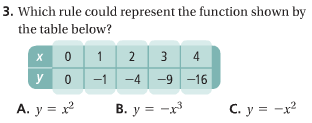
4.4 Graphing a Function Rule

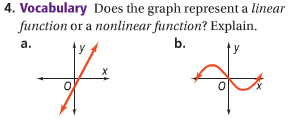
OBJ: To graph equations to represent functions.

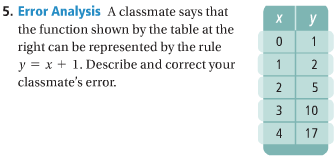
**Starter:**











Notes:

The set of all solutions of an equation forms the equation’s graph.

In other words: The graph shows all values that will make the equation true.

Graphing a Function Rule:





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You Try!!

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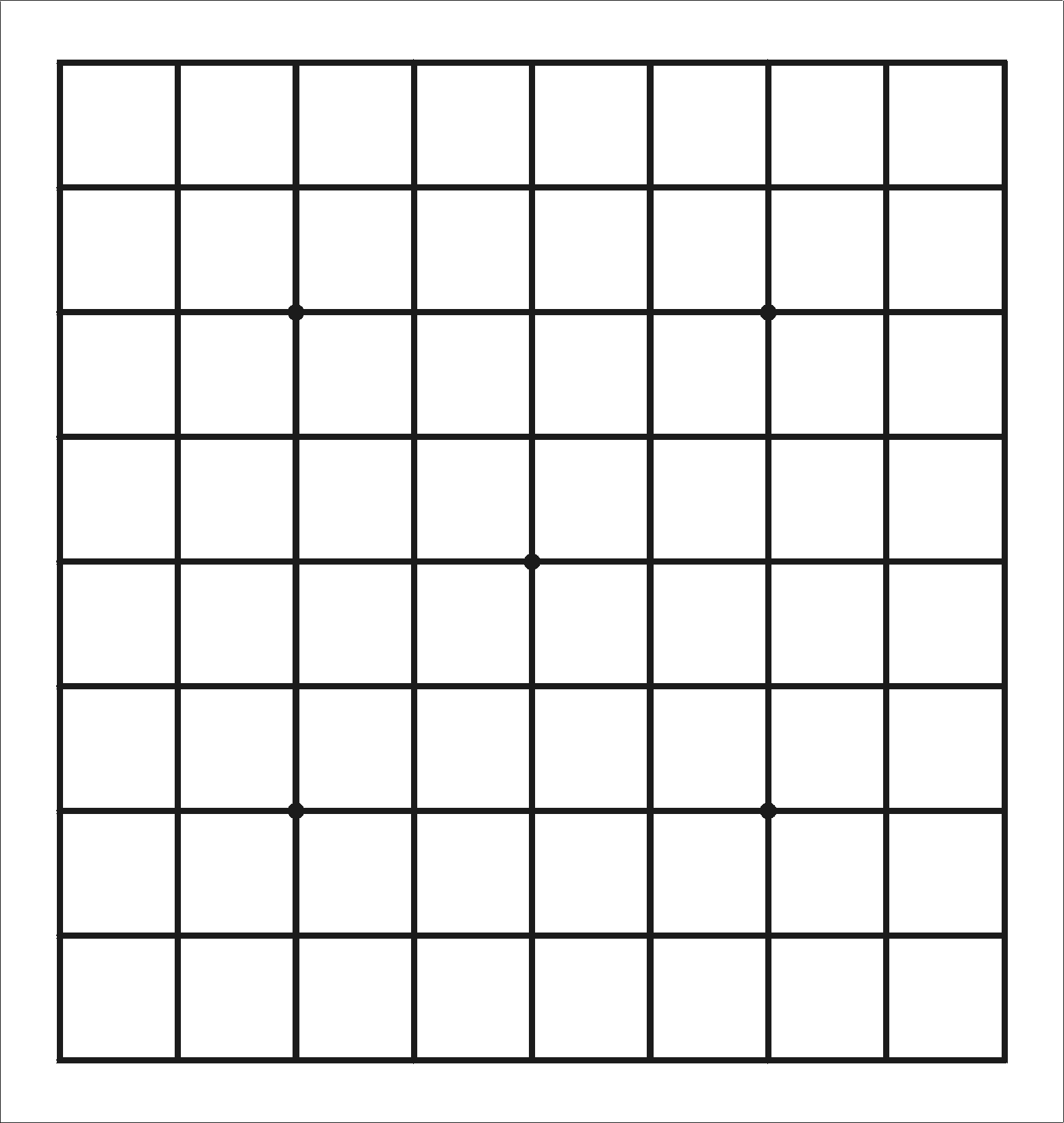
 

When you graph a real world function rule, choose appropriate intervals for the units on the axes.

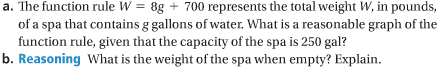
Graphing a Real World Function Rule:



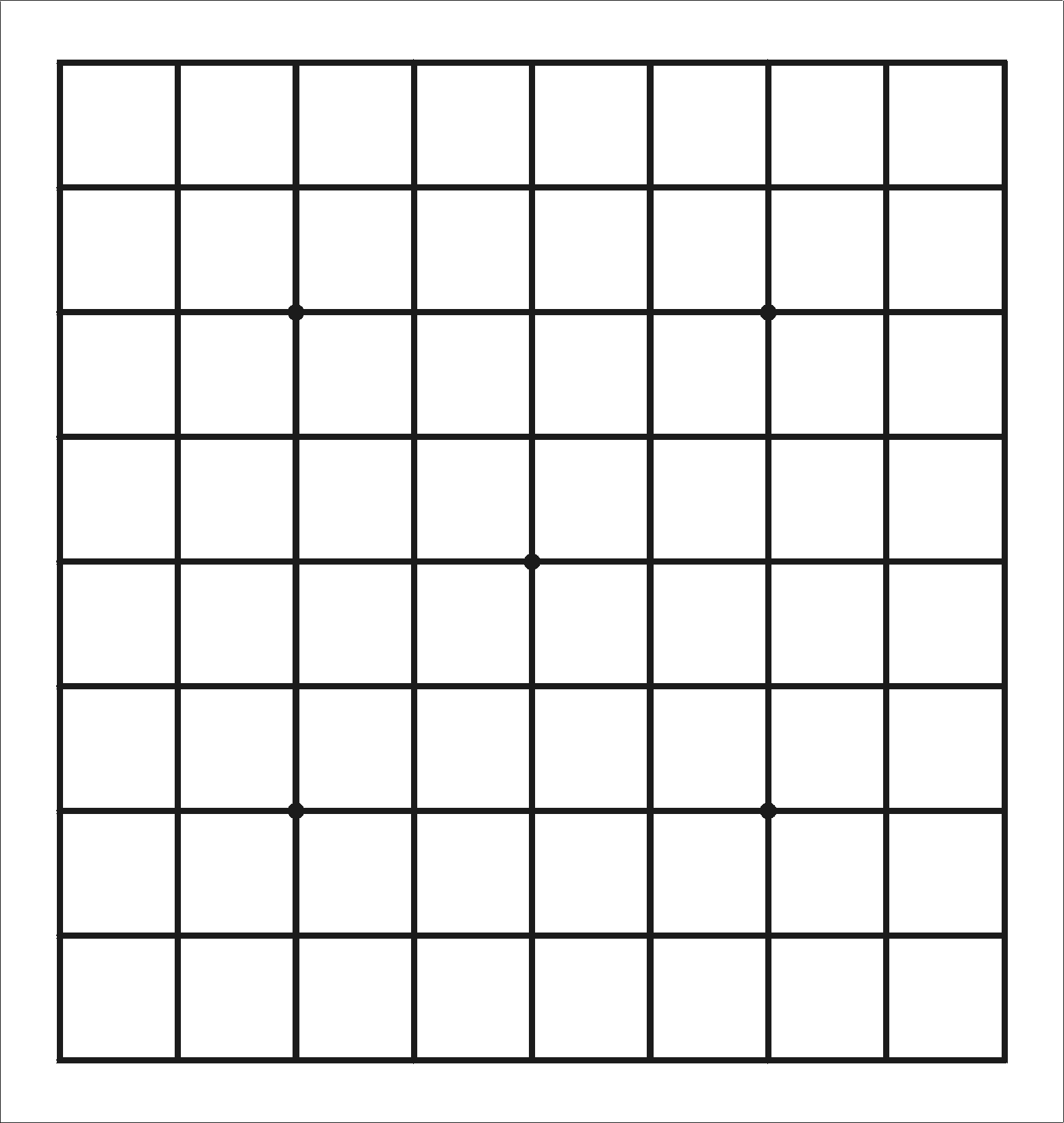
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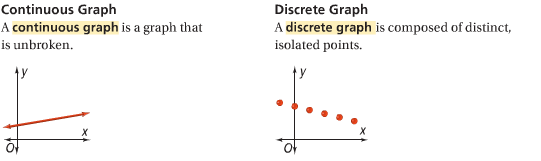


You Try:

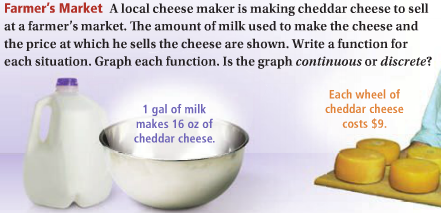


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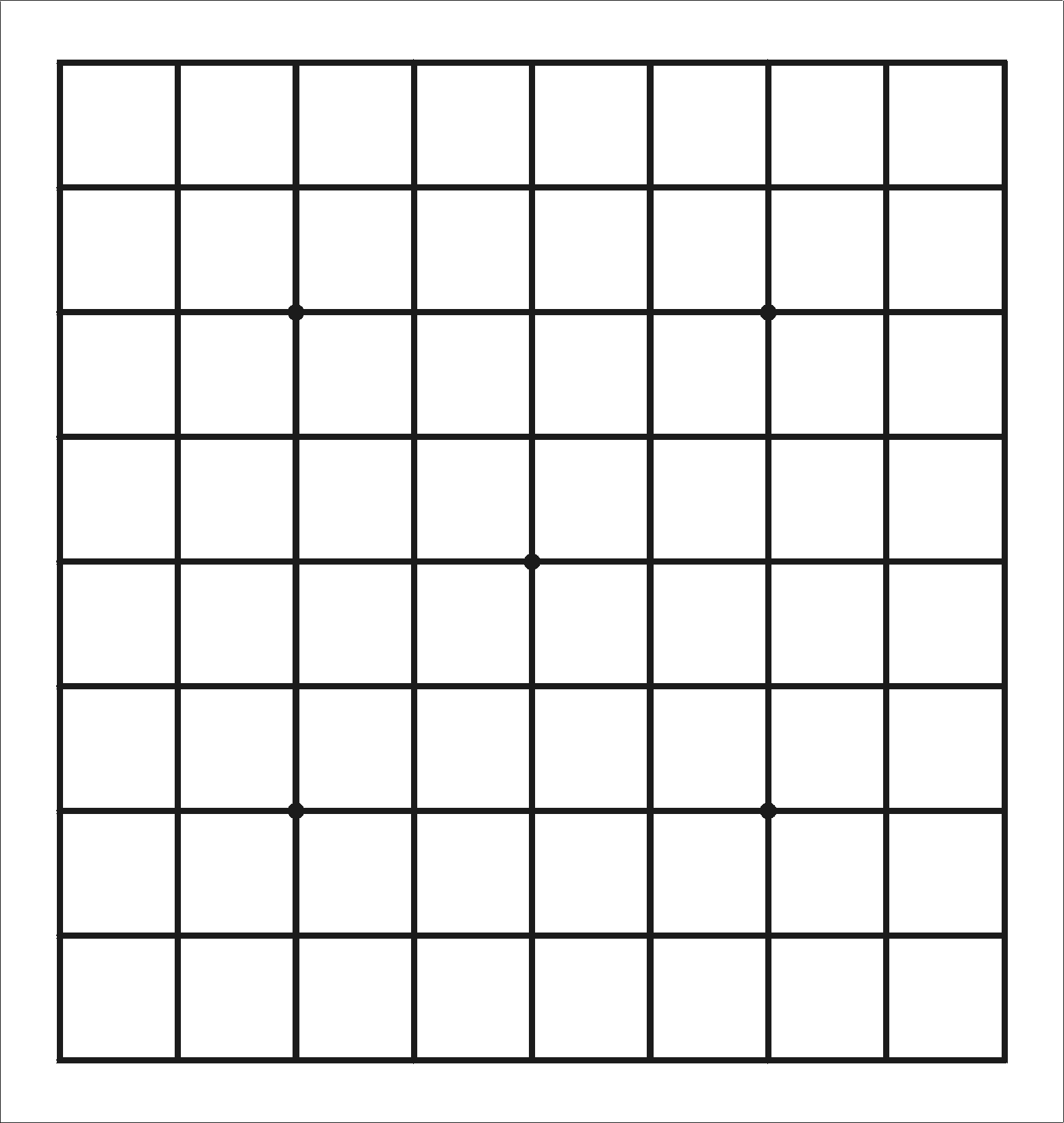
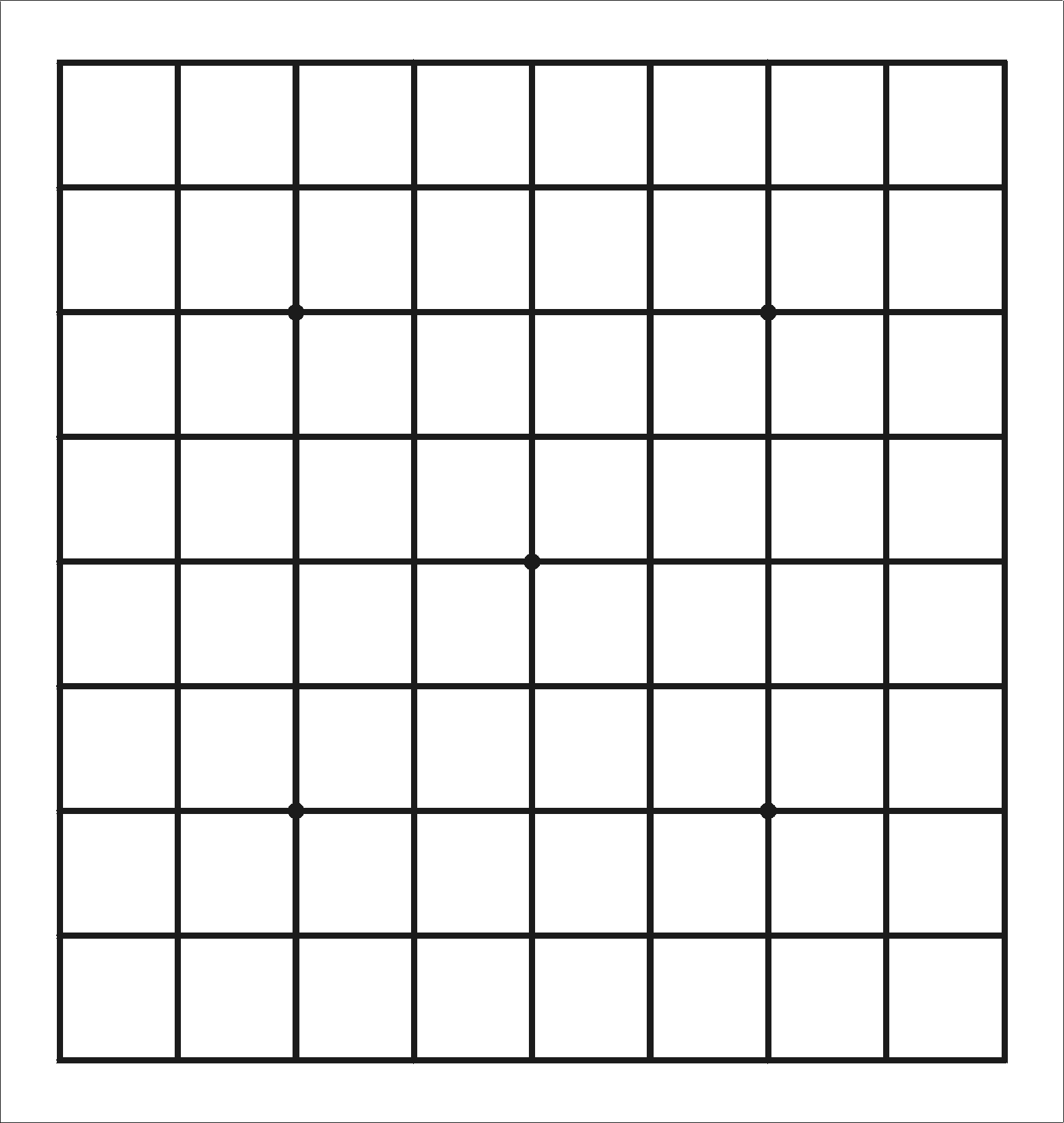


Identifying Continuous and Discrete Graphs:

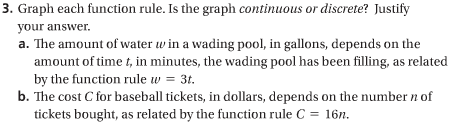


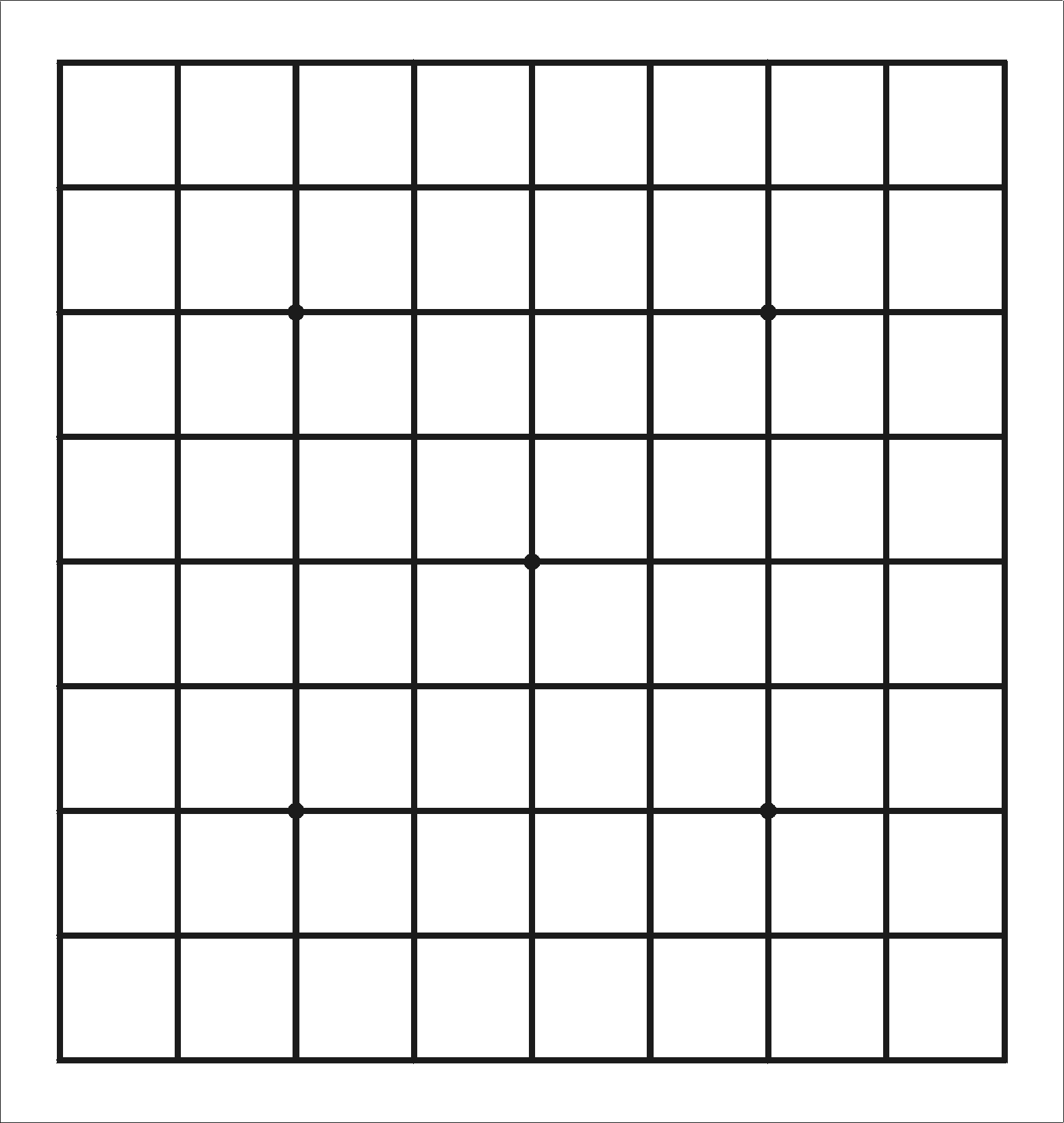
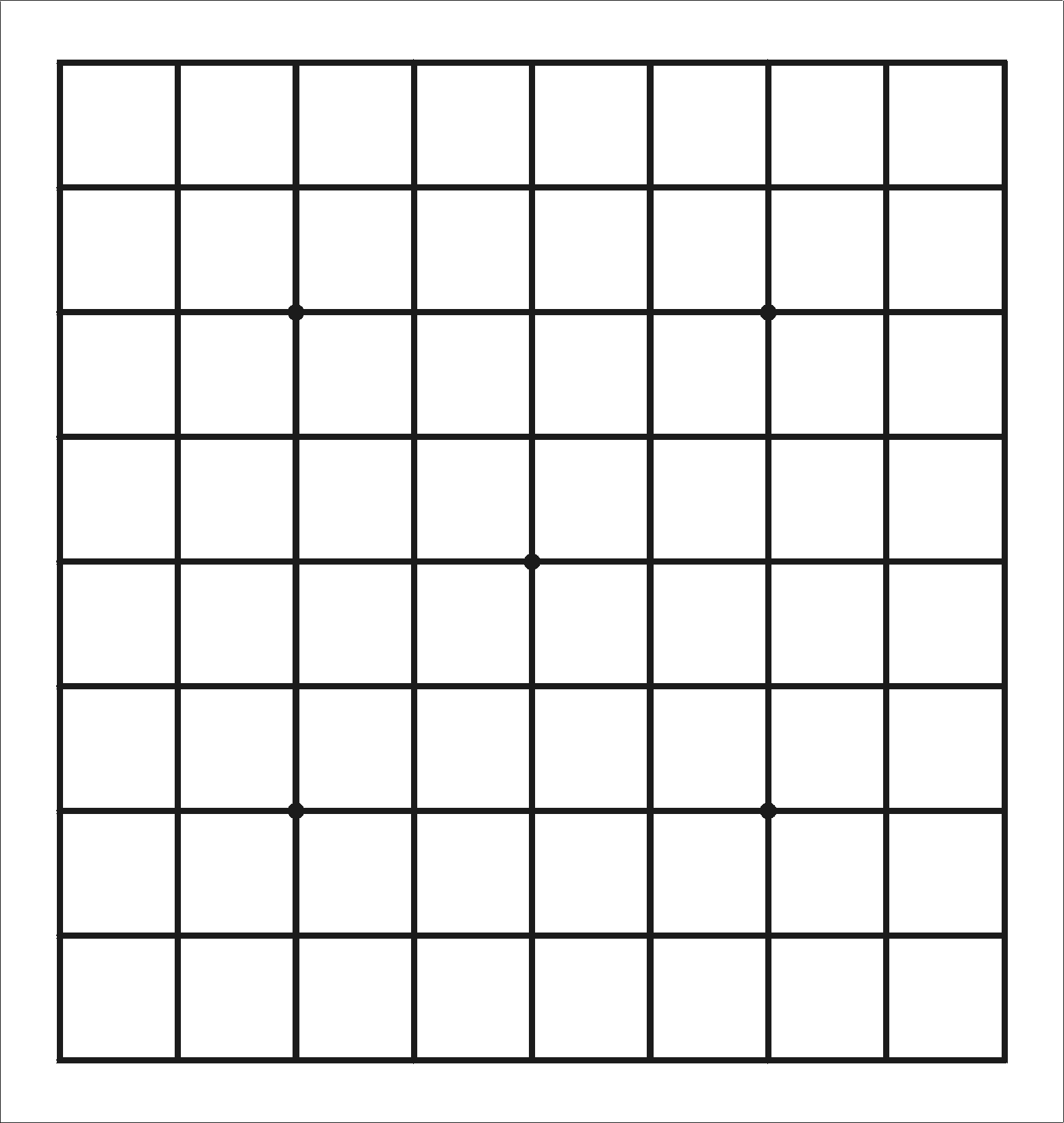
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You Try:



Graphing a Nonlinear Function Rule:

What is the graph of each function?



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You Try:



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Hw: Section 4.4 p. 257 #9-11, 21-23, 25-29, 33, 37, 40