

- B. If Louisa continues to use this strategy to study, how many more elements will she memorize on her sixth day of studying as compared to her third day of studying? Show all work and justify your answer.

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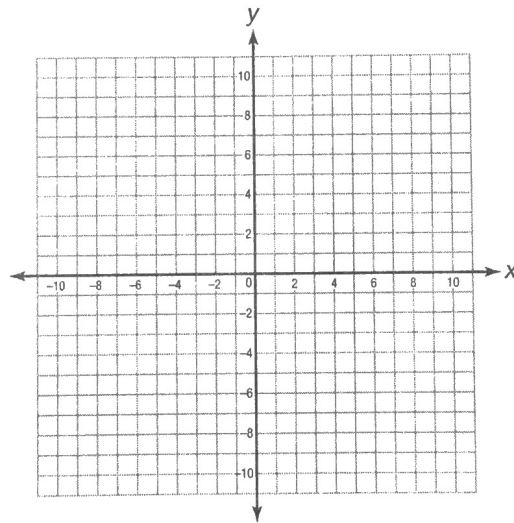
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28. Jennifer uses 2 pens per month for her schoolwork. She started the school year with 10 pens. Let  $y$  represent the number of pens that she has, and let  $x$  represent the number of months that have passed in the school year.

- A. Write an equation that represents the number of pens,  $y$ , she will have left after  $x$  months.

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- B. Graph the equation that you wrote in part A. Graph only the  $x$ - and  $y$ -values that are possible, given the situation.



- C. Explain why you excluded certain values from the graph.

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