

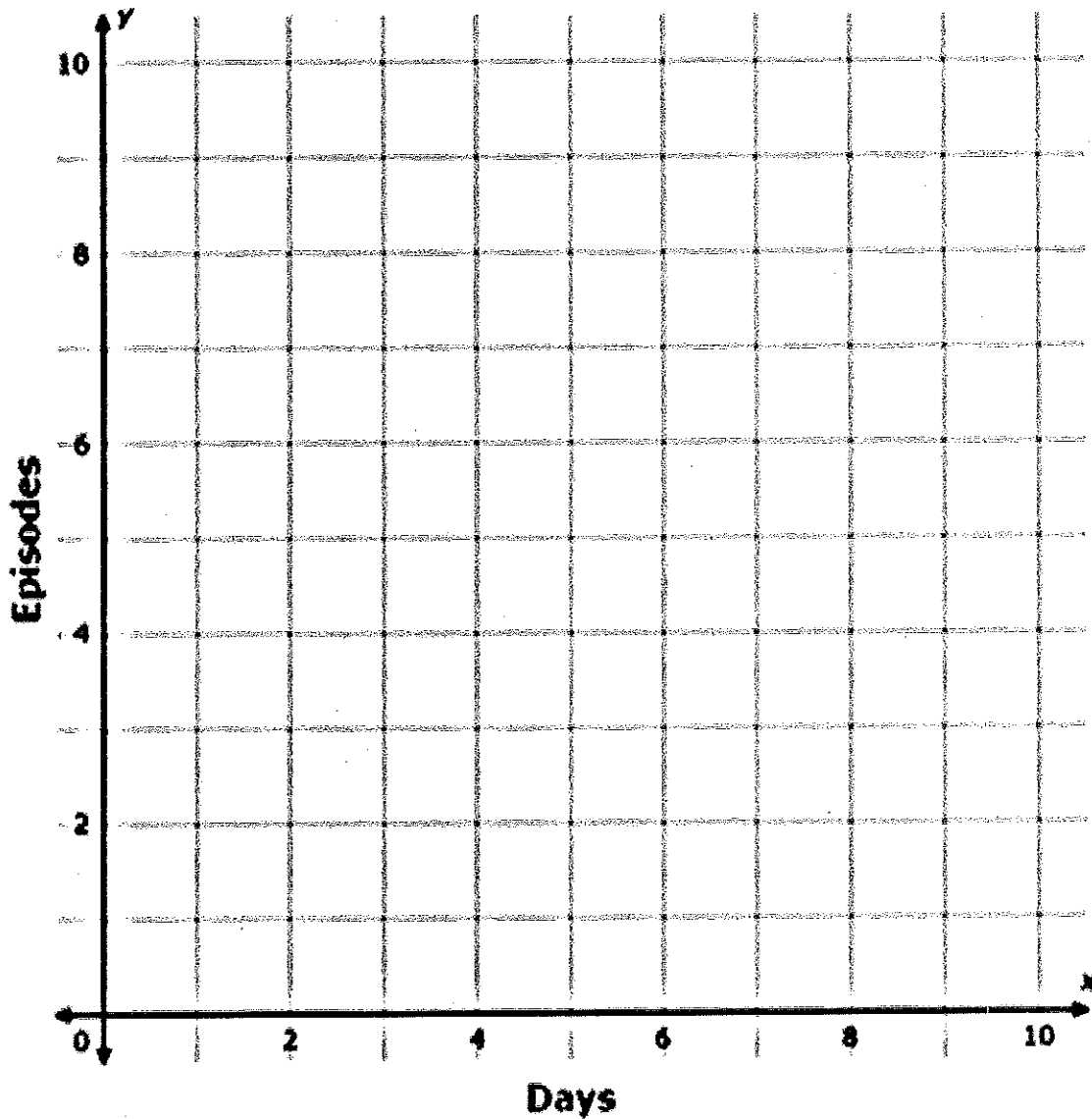
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Systems of Equations: Graphing Word Problems

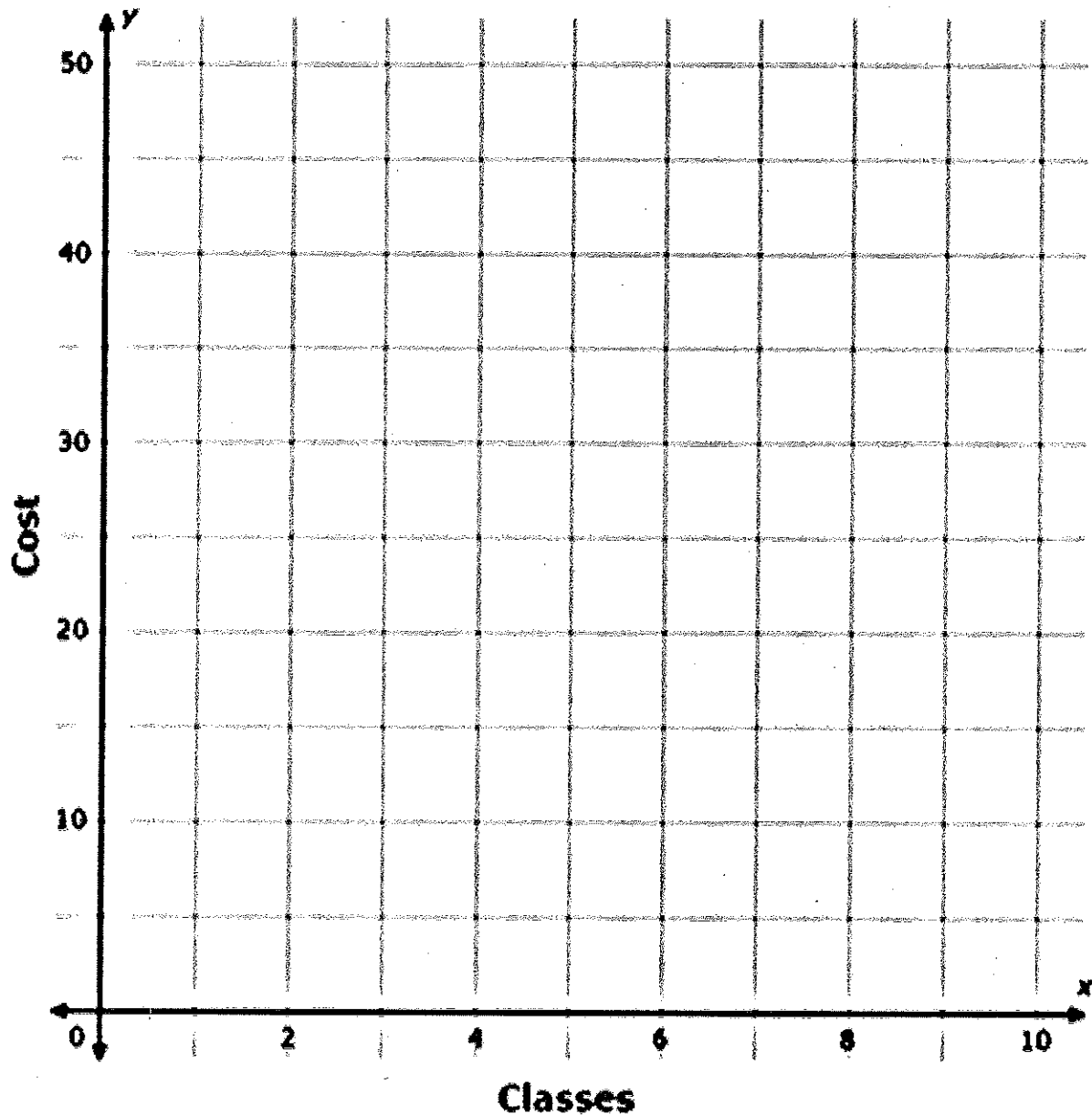
Homework

1. Two sisters have decided to watch all the episodes of a TV show on Netflix. Maria has already watched 4 episodes and will continue to watch the show at a rate of 1 episode per day. Katie, who hasn't yet seen the show, will start watching 3 episodes per day. Once the two sisters get to the point where they have watched the same number of episodes, they plan to finish the series together. How long will that take?



Use full sentences to express your solution here:

2. A yoga studio offers memberships that cost \$30 per month for unlimited classes. The studio also accepts walk-ins, charging \$10 per class. If someone attends enough classes in a month, the two options cost the same total amount. What is that total amount?



Use full sentences to express your solution here: