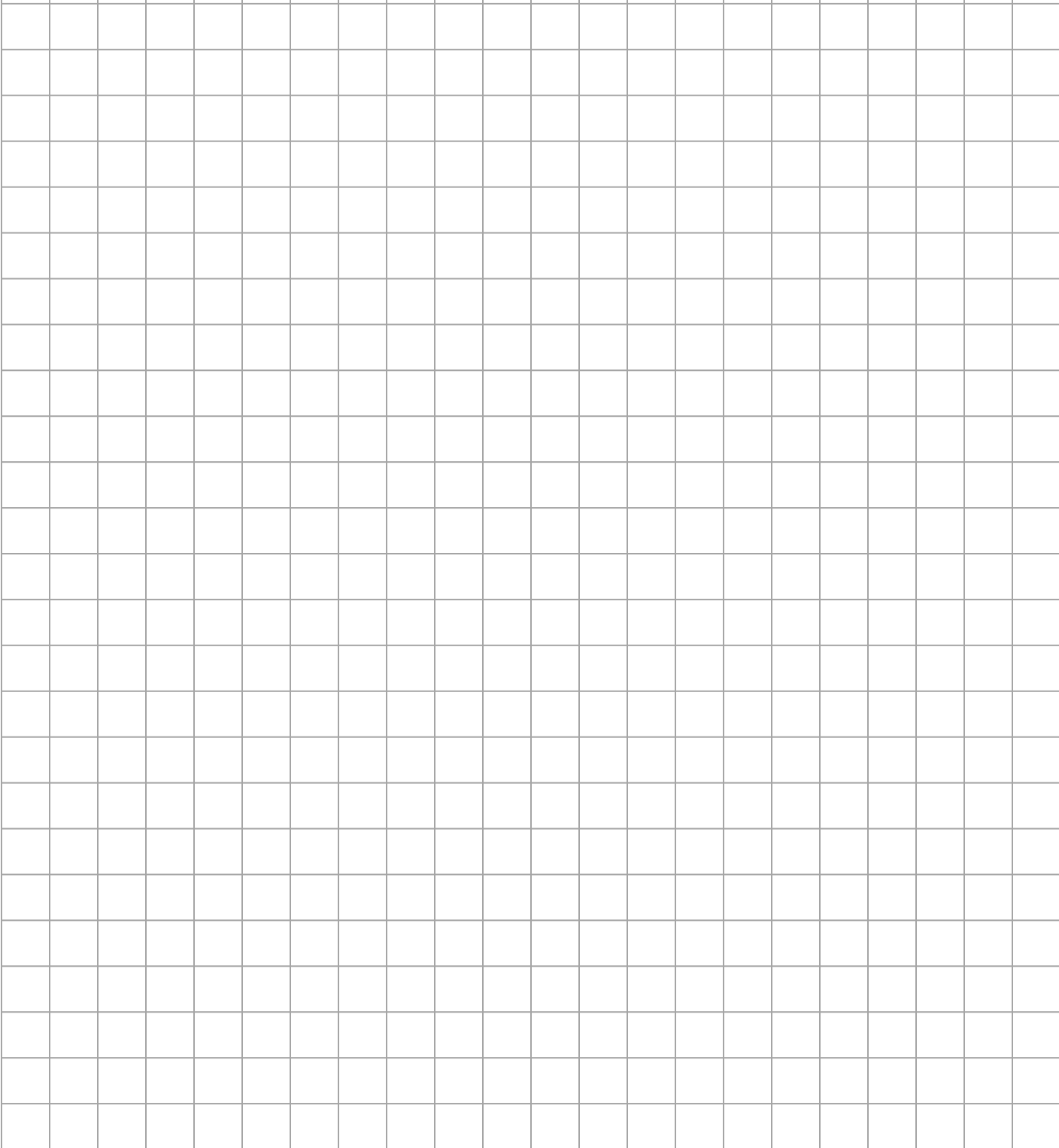


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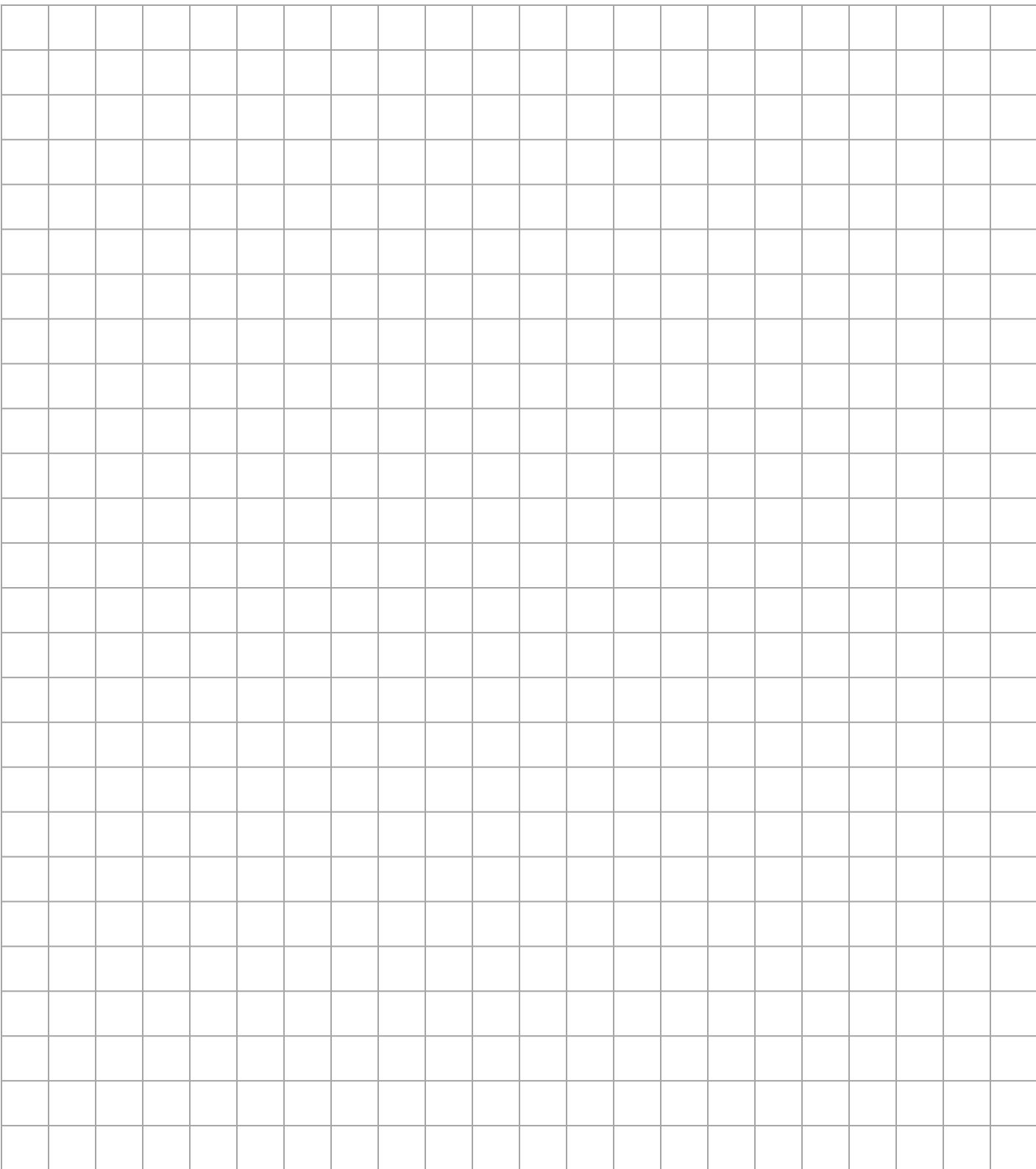
Date _____

Area and Perimeter Problem Solving

A rectangular pool is 15 feet long and 10 feet wide. The walkway around the pool is 5 ft wider than the pool on each of the four sides. In one section of the walkway, there is a flowerbed that is 3 ft by 5 ft. Create a diagram of the pool area with the surrounding walkway and flowerbed. Find the area of the open walkway around the pool.



The bedroom in Samantha's dollhouse is a rectangle 25 cm long and 15 cm wide. It has a rectangular bed that is 9 cm long and 6 cm wide. The two dressers in the room are each 2 cm wide. One measures 7 cm long, and the other measures 4 cm long. Create a floor plan of the bedroom containing the bed and dressers. Find the area of the open floor space in the bedroom after the furniture is in place.



Emanuel's science project display board is 42 inches long and 48 inches wide. He put a 6-inch border around the edge inside the board and placed a title in the center of the board that is 22 inches long and 6 inches wide. How many square inches of open space does Emanuel have left on his board?

Kevin's rectangular vegetable garden is 20 feet by 45 feet. McKenna's is 25 feet by 40 feet. Whose garden is larger in area?