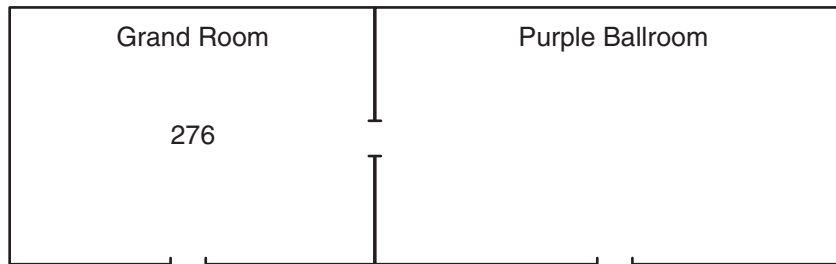


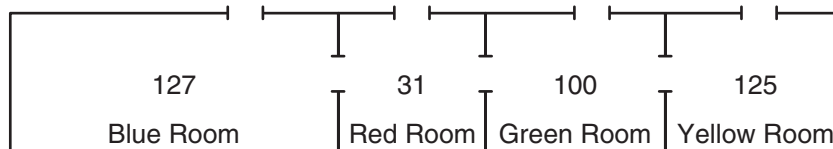
# Chairs for the Teachers

Math teachers from many schools held a meeting at the Hotel Grand. In preparation, the planning committee placed chairs in the rooms according to the floor plan.

**Floor Plan for Hotel Grand**



**Meeting Rooms**



1. Which room could hold 100 teachers from Clinton School, 20 students from Rogers School, and 7 principals?  
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2. Which room was used for 77 third-grade teachers from Boone School, 2 student teachers, and 21 second-grade teachers from St. Paul School?  
\_\_\_\_\_
3. When all of the sixth-grade teachers met, 2 doors had to be opened between rooms so that 3 rooms could be connected. Which meeting room arrangement held the most teachers?  
\_\_\_\_\_
4. When all the meeting rooms were filled, only 3 rooms of people would fit into the chairs already in the Grand Room. Which 3 rooms of people fit?  
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