

# Party Seating

How should we sit? For the surprise feast we are giving for Katie's class, we need to figure out how we want to arrange the cafeteria. There are 14 rectangular tables we can use, each that can seat 3 people to a side and 1 person on each end.

If we need to seat 50 people for our party, what is the best way for us to arrange the tables? Remember, we discussed setting the tables up in a special way so that more people could sit together.

Show me the plans you come up with and tell me which arrangement you think is best and why. Do we need to use all 14 tables?

Bonus:

If we wanted everyone to sit at 1 big table, what could the table look like and how many smaller tables would be needed to make this larger table?

Reminder: Make sure all your representations are neat and clear.