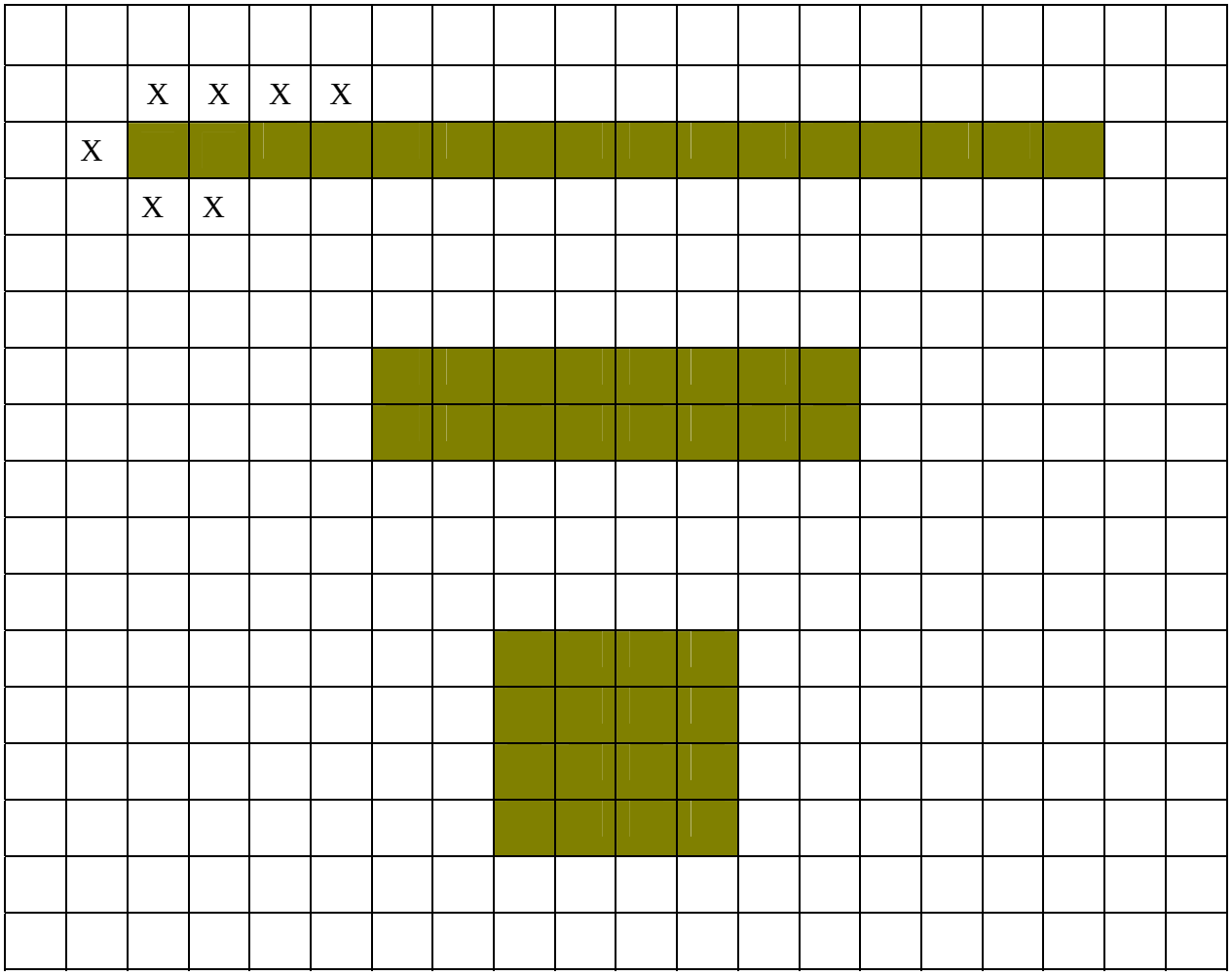
TABLES AND CHAIRS

1. Below and 3 different arrangements of 16 tables. Use Xs to mark chairs all around (no chairs at the corners).

- which arrangement has the most chairs?
- which has the least?
- why does the number of chairs change when the tables are always 16?



2. Now suppose we only had 12 chairs. How many tables could we surround?

- one possible arrangement is shown below
- can you find the rest?

		X	X	X	X	X													
	X						X												
		X	X	X	X	X													