THE AUDITORIUM

12 rows

5 seats per row

10 seats per row

12 rows

5 seats per row

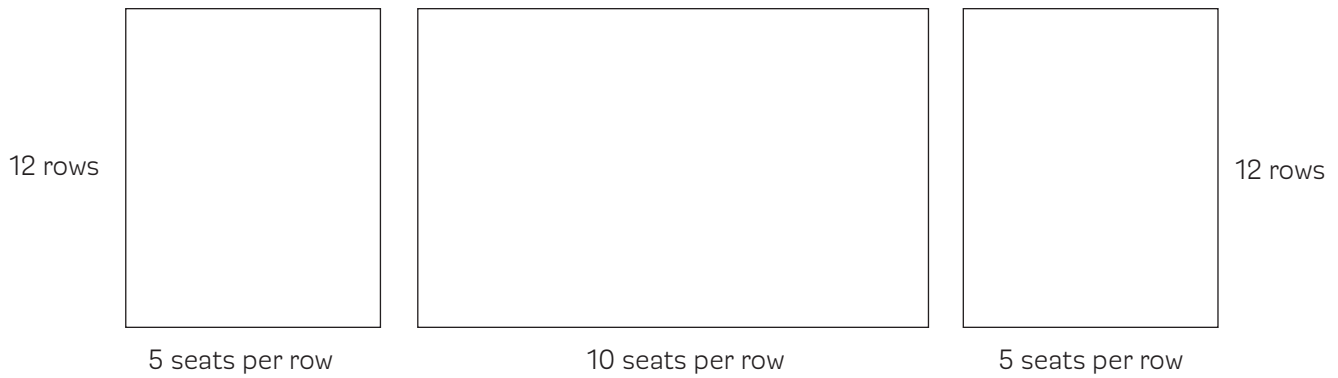### The Task

The third, fourth, and fifth grade classes will attend an assembly together.

First, determine if this is possible. Can all of the third, fourth, and fifth grade classes with their teachers fit inside the auditorium?

Then, create a diagram that shows where each class should sit for the assembly. Use words, arrays, and equations to represent at least one proposed arrangement.

Grade	Class 1	Class 2	Class 3	Class 4
Third	25	24	25	
Fourth	22	20	21	21
Fifth	24	23	22	20

*Teachers are already included in the count.