

## Lesson 3-6

**Problem**

**ENTERTAINMENT** A theater has 14 seats in the front row, 16 seats in the second row, 18 seats in the third row, and so on. If this pattern continues, how many seats are there in the sixth row of the theater?

**Solution**

Make a table to organize the information. Then look for a pattern.

<b>Row</b>	1	2	3	4	5	6
<b>Number of Seats</b>	14	16	18	20	22	24

Look at the first three entries in the table. Each number of seats is increased by 2 to get the next number. If this pattern continues, there are 24 seats in the sixth row of the theater.