

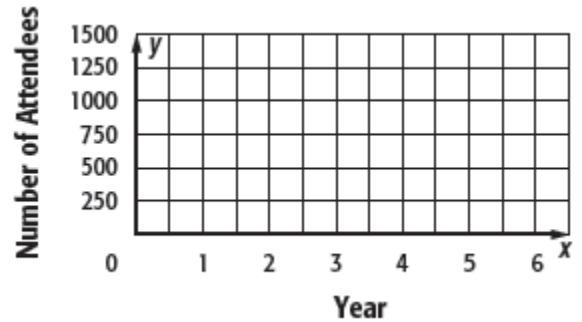
Lesson 2 Extra Practice

Lines of Best Fit

1. The table below shows attendance at an annual Fourth of July concert.

Year	2	3	4	5	6
Attendees	850	925	1000	1200	1350

- Construct a scatter plot of the data. Then draw a line that best represents the data.
- Write an equation for the line of best fit.

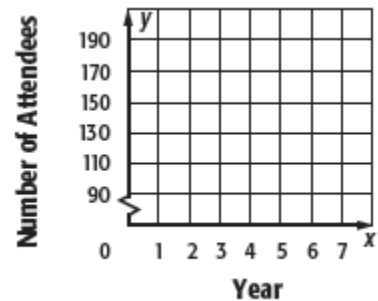


- Use the equation to make a conjecture about the number of attendees in the tenth year.

2. The table shows the number of people that attended a family reunion each year.

Year	1	2	3	4	5	6	7
Attendees	115	120	128	138	135	140	145

- Construct a scatter plot of the data. Then draw a line that best represents the data.
- Write an equation for the line of best fit.



- Use the equation to make a conjecture about the number of people that might attend the reunion in the fifteenth year.