



Name _____

Problem-Solving Strategy

Make a Graph

R 3-7

The Fall Festival goes from 9 A.M. to 4 P.M. on Saturday. People buy tickets to play games or to get snacks. Each hour the ticket money is collected and counted. The table at the right shows the money collected each hour. When was the ticket stand the busiest?

Fall Festival Ticket Sales	
Time	Money collected
10 A.M.	\$65.75
11 A.M.	\$92.50
Noon	\$153.25
1 P.M.	\$82.50
2 P.M.	\$347.25
3 P.M.	\$153.50
4 P.M.	\$26.25

Understand What do you need to find?
You need to find when the most tickets were sold.

Plan How can you solve the problem?
A line graph can show hourly changes in the sales.

- Complete the table by rounding the data from the table above to the nearest \$10.
- Complete the line graph using the data from Exercise 1 to show when ticket sales were the greatest.

Fall Festival Ticket Sales	
Time	Money rounded to nearest \$10
10 A.M.	
11 A.M.	
Noon	
1 P.M.	
2 P.M.	
3 P.M.	
4 P.M.	

