Name $\qquad$ Date $\qquad$

Solve.

1. Jeffery bought 203 sheets of stickers. Each sheet has a dozen stickers. He gave away 907 stickers to his family and friends on Valentine's Day. How many stickers does Jeffery have remaining?
2. During the 2011 season, a quarterback passed for 302 yards per game. He played in all 16 regular season games that year.
a. For how many total yards did the quarterback pass?
b. If he matches this passing total for each of the next 13 seasons, how many yards will he pass for in his career?
3. Use the chart to solve.

## Soccer Field Dimensions

|  | FIFA Regulation <br> (in yards) | New York State High Schools <br> (in yards) |
| :---: | :---: | :---: |
| Minimum Length | 110 | 100 |
| Maximum Length | 120 | 120 |
| Minimum Width | 70 | 55 |
| Maximum Width | 80 | 80 |

a. Write an expression to find the difference in the maximum area and minimum area of a NYS high school soccer field. Then, evaluate your expression.
b. Would a field with a width of 75 yards and an area of 7,500 square yards be within FIFA regulation? Why or why not?
c. It costs $\$ 26$ to fertilize, water, mow, and maintain each square yard of a full size FIFA field (with maximum dimensions) before each game. How much will it cost to prepare the field for next week's match?

