Name _____ Date _____

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?

203 × 12 = 406 + 2030 = 2436

2436 − 907 = 1529

1529 stickers left

2. During the 2011 season, a quarterback passed for 302 yards per game. He played in all 16 regular season games that year.
   a. How many total yards did the quarterback pass for?

302 × 16 = 1812 + 3020 = 4832

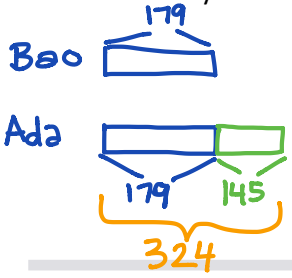
4832 yards

   b. If he matches this passing total for each of the next 13 seasons, how many yards will he pass for in his career?

4832 × 13 = 14496 + 48320 = 62816

62,816 yards

3. Bao saved $179 a month. He saved $145 less than Ada each month. How much would Ada save in three and a half years?



179 + 145 = 324

$3\frac{1}{2}$ years = 12 + 12 + 12 + 6 = 42 months

324 × 42 = 648 + 12960 = 13,608

Ada would save $13,608 in $3\frac{1}{2}$ years.

4. Mrs. Williams is knitting a blanket for her newborn granddaughter. The blanket is 2.25 meters long and 1.8 meters wide. What is the area of the blanket? Write the answer in centimeters.

225
× 180
18000
+ 22500
40500

40,500 square centimeters

5. Use the chart to solve.

Soccer Field Dimensions

	FIFA Regulation (in yards)	New York State High Schools (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.

(120 × 80) − (100 × 55)

9600 − 5500
4100

4,100 sq. yrs.

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?

75 × 100 = 7500

Since the minimum length is 110 yards, this field is not within regulation.

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?

120
× 80
9600

9600
× 26
57600
192000
249600

$249,600