



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.

5. Use the chart to solve.

**Soccer Field Dimensions**

	FIFA Regulation (in yards)	New York State High Schools (in yards)
<b>Minimum Length</b>	110	100
<b>Maximum Length</b>	120	120
<b>Minimum Width</b>	70	55
<b>Maximum Width</b>	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?