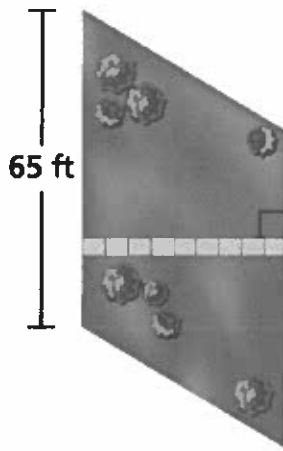


The area of the parallelogram-shaped courtyard is 2730 square feet. What is the length of the sidewalk?



$$\frac{65L}{65} = \frac{2730}{65}$$

$$L = 42$$

The length of the sidewalk is 42 ft.

$$\begin{array}{r} 42 \\ 65 \overline{) 2730} \\ \underline{260} \\ 130 \\ \underline{-130} \\ 0 \end{array}$$

You and four friends buy tickets to a baseball game. The total cost is \$70. Write and solve an equation to find the cost of each ticket.

$$\frac{5T}{5} = \frac{70}{5}$$

$$T = 14$$

The cost of each ticket is 14 dollars.