Mohammad makes and sells jewelry. His monthly goal is to make a profit over $2,500.

- He sells each piece of jewelry for $25.
- He has a monthly fixed cost of $1,725.

The inequality $25x + 1{,}725 > 2{,}500$ models this situation. Which **best** describes the meaning of x in the inequality?

A. the number of pieces of jewelry that Mohammad must sell to recover his monthly fixed costs

B. the profit made from selling 25 pieces of jewelry

C. the profit made from 1 month of sales

D. the number of pieces of jewelry Mohammad must sell to reach his goal