$\qquad$ SCORE:
*** RETAIN GRADED PAPERS FOR YOUR RECORDS **
$C=39 x+1905$ represents the cost for a company that manufactures tennis rackets, where $x$ is the number of tennis rackets manufactured and $C$ is the cost, in dollars, of making $x$ tennis rackets.
A. Interpret the slope of the equation in the context of the problem.

For each additional tennis racket manufactured the cost increases by $\$ 39$.
B. How much will it cost the company to produce 100 tennis rackets per day?

$$
C=39(100)+1905=3900+1905=5805
$$

C. If the company has enough investments to spend $\$ 7950$ per day on production, how many tennis rackets can be made daily?

$$
7950=39 x+1905 \rightarrow 6045=39 x \rightarrow x=6045 / 39=155 \quad 155 \text { tennis rackets }
$$

