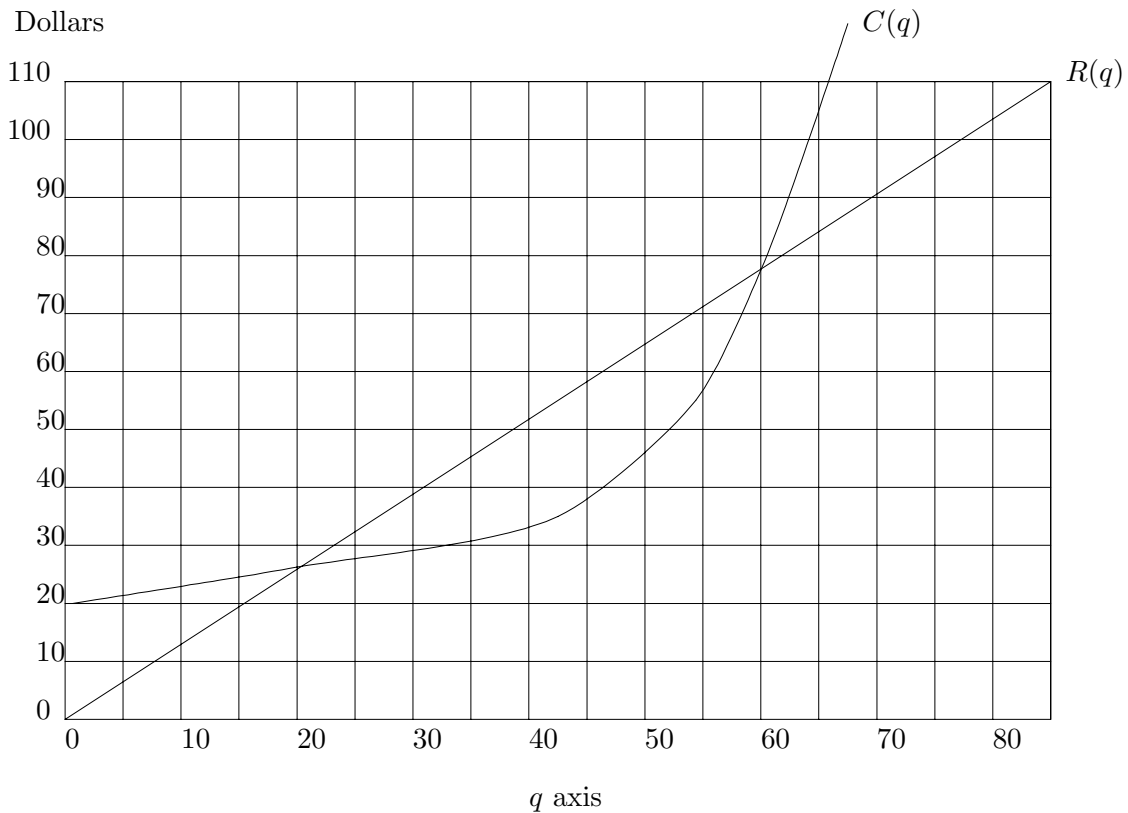


Mathematics 122 Quiz #19

Name: _____

A high school student decides to make extra money by printing and selling solutions to the problems in her trigonometry book. The graphs below show her costs, $C(q)$, and revenue, $R(q)$, for selling a total of q solutions sets.



1. At what price is she selling a set of solutions? _____

2. Estimate the cost of producing the 20-th solution set. _____

3. Estimate the profit of production the 65-th solution set. _____

4. How many solution sets should she produce to maximize her profit? _____

5. What is her maximum profit? _____