

Name: _____

Date: _____

ACTIVITY 5: What did Calculus do? Answer Key

1. Summarize how a company can use the concept of derivatives to determine how many products to make and what profit they can expect from such findings.

Calculus enabled us to find marginal cost function from the cost function as well as the marginal revenue function from the revenue function. We can, then, equate these functions to solve for the number of items that a company should produce to maximize profit or minimize loss.