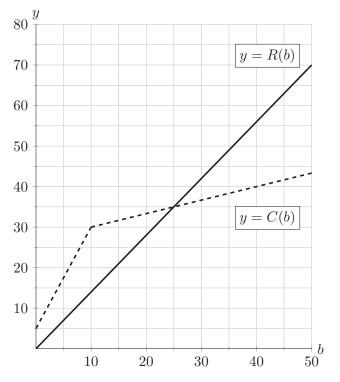
7. [10 points] A local bakery makes and sells bagels. When they make and sell b bagels in a given day, their cost is C(b) dollars and their revenue is R(b) dollars. Below, R(b) is graphed as solid line, while C(b) is graphed as a dashed line. Note that the bakery only has the capability to make up to 50 bagels each day.



a. [1 point] What are the company's fixed costs, in dollars?

	Answer:	5
b.	. [2 points] What is the selling price, in dollars, of Answer:	each bagel?
c.	. [2 points] Find the marginal cost, in dollars per b	eagel, at $b = 20$ bagels.
d.	. [2 points] Estimate the bakery's daily profit, in de Answer:	ollars, if they produce and sell 40 bagels. ≈ 16
e.	. [2 points] How many bagels should the bakery production profit?	luce and sell each day if they want to maximize

f. [1 point] How many bagels would the bakery have to produce and sell each day to minimize their profit (that is, maximize their losses)?

Answer:

Answer:	10

50