Mather		100
IVI of hot	marice	177
TATORITO	IIIGUIUS	144

Quiz	#15

Name:

You must show your work to get full credit.

The total cost of producing q units is C(q) dollars and the revenue brought in by selling q units is R(q). If

$$C(150) = 750,$$

$$R(150) = 725,$$

$$R(150) = 725,$$
 $MC(150) = .75,$ $MR(150) = .85$

$$MR(150) = .85$$

(1) What are the units of MC(150) = .75?

Units are _ Junit

2015 (2) Estimate the total cost of producing q = 153 units.

Total cost of producing 153 units $\approx \frac{75225}{3}$

C(153) 2 C(150) + C'(150) AQ = 750+(.75)(3) = 752.25)

2 11ts (3) Estimate the profit made by producing the 151st unit.

Profit made by producing the 151^{st} unit \approx _____