

Name: _____

Math 1030 Quiz #5A (June 23rd, 2010)

1. The Republic of Bob has determined that their Lorentz curve is given by $L(x) = 0.86x^2 + 0.14x$. Find the Gini Index. SHOW YOUR WORK!

2. Suppose the $C'(q) = 2q^2 - 50q + 300$. We also know that the cost when $q = 1$ is \$40. Find $C(q)$. SHOW YOUR WORK!
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Math 1030 Quiz #5B (June 23rd, 2010)

1. The Republic of Bob has determined that their Lorentz curve is given by $L(x) = 0.943x^2 + 0.057x$. Find the Gini Index. SHOW YOUR WORK!

2. Suppose the $C'(q) = 1.5q^2 - 40q + 900$. We also know that the cost when $q = 5$ is \$100. Find $C(q)$. SHOW YOUR WORK!
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Math 1030 Quiz #5B (June 23rd, 2010)

1. The Republic of Bob has determined that their Lorentz curve is given by $L(x) = 0.943x^2 + 0.057x$. Find the Gini Index. SHOW YOUR WORK!

2. Suppose the $C'(q) = 1.5q^2 - 40q + 900$. We also know that the cost when $q = 5$ is \$100. Find $C(q)$. SHOW YOUR WORK!