

Quiz 2

BCC Spring 2008 math 099

NAME _____

You have 20 min to complete this quiz.
Show **all your work**

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1. A motorboat traveling with the current went 48 miles in 2 hours. On its return, against the current, it took 3 hours to travel the same distance. Find the rate of the boat in calm water and the rate of the current.

2. During January a family used 400 units of electricity and 120 units of gas for a total cost of \$147.20 in these two utilities combined. In February they used 350 units of electricity and 200 units of gas for a total cost of \$144. Find the cost per unit of gas.
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