MATH 121: HOMEWORK #2
SECTIONS 2.4, 2.5, 2.6, 2.7
FALL 2003

<u>Write your name and clearly separate sections on your homework!</u>
Show work where appropriate, and use "good form and procedure," as in class!
This is due when you take Quiz 2.
Graded out of 10 points.
"*" denotes "See Hint below."
Read some of the Examples in this chapter for additional assistance.

2.4:   1-35 odd, 47, 49, 50*, 57

Look at (don't do): 37

Hint on 50: x is the number of plastic trucks produced on a given day.
The fixed costs for that day are $1200.

Answers to 50c: -0.03. When 200 trucks have been produced,
the average cost is decreasing by about 3 cents per additional truck
produced.

2.5: $1, 5, 7, 9, 11, 15, 19, 23, 25, 27, 29, 33, 39, 41$

2.6: $1, 3, 5, 11\text{-}19 \text{ odd}, 23, 25, 29, 31, 33, 35, 39, 41, 47, 57$

Look at (don't do): $52, 53, 56$

2.7: $1, 2^*, 3, 4^*$

Answers: $2 \, (-3, 0, 3), 4 \, (-4, -2, 2, 4)$