

Math 131 (Term 143) - Quiz 1

Student Name _____ Student ID: _____

Exercise 1

An advertiser goes to a printer and is charged \$89 for 100 copies of one flyer and \$93 for 200 copies of another flyer. This printer charges a fixed setup cost plus a charge for every copy of single-page flyers. Find a function that describes the cost of a printing job, if x is the number of copies made.

Exercise 2

Solve $\begin{cases} x = \frac{y^2}{y-1} + 1 \\ x = \frac{1}{y-1} \end{cases}$