Homework 8, Morally due Mon Apr 16, 3:30PM
Throughout this HW:

- Let $f(m, s)$ be the muffin function (from the talk Bill gave on Muffins).

- To prove that, say $f(11, 5) = \frac{13}{30}$ you would need to BOTH give a PROCEDURE that allocates 11 muffins to 5 people with smallest piece $\frac{13}{30}$ AND prove that there is no BETTER procedure.

- You CANNOT use the Floor-Ceiling Theorem, though you can use the same kind of reasoning in a particular case.

1. (50 points) Prove $f(9, 5) = \frac{2}{5}$.

2. (50 points) Prove $f(7, 6) = \frac{1}{3}$.