

# MATH and PIZZA

\$399 per person (?)

How to divide rent so everyone is happy

Speaker

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Department of Mathematics

University of Kentucky



*All students  
with an interest in Mathematics  
are welcome to attend!!*

**Date:** Wednesday, March 23, 2011

**Time:** 4:00pm - 5:00pm

**Room:** 208, Classroom Building

**Abstract:**

When a group of people rent an apartment together how should they decide what bedroom each person uses and how much rent they pay? This is easy if all the bedrooms are exactly the same. It doesn't matter what room each person uses and the rent can be evenly divided. If the rooms are different and each person has different preferences (one wants more windows, another would prefer a bigger room, ...) the question is much more complicated.

I'll talk about a way to divide the rooms and the rent so everyone thinks they are getting the best deal.

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