

Michigan Math Club

Thursday at 4pm in the Commons
Free Pizza and Pop



Pieces of Cake

Hyman Bass

Abstract for 15 October 2009

Suppose that 7 people want to equally share 5 cakes (so that each one gets exactly $5/7$ of a cake). What is the smallest number of pieces into which the cakes must be cut in order for this equal distribution to be possible? What happens for s people sharing c cakes (where c is a positive integer)?

