

Week #8 Fall 2009

Drink a few cups of coffee at home before going to Starbucks for a “Tall Latte”. You should now be in great shape to solve the WSU Math Department’s

PROBLEM
of the week

**HAVE SOME
MORE
COFFEE!**



A coffee pot with a circular bottom tapers uniformly to a circular top with radius half that of the base. A mark halfway up the side says “2 cups.” Where should the “3 cups” mark go? What is the capacity of the coffee pot?

WSU undergraduates may submit solutions to the Mathematics Department office, 1150 FAB, by noon November 24. Include your name, ID number, and whether you have completed Math 2030 (or higher). Sorry, no fax or e-mail entries. For information, call 577-2479.