

1035-A2-1220 **Patti Frazer Lock***, St. Lawrence University, Department of Mathematics, Canton, NY
13617-1455. *Poll the Audience: How Clickers Can Enhance Learning in a Math Class.*

What if you could poll your students in real time to find out what details of the current topic they do and do not understand? A Personal Response System (PRS) allows you to do this and more. We discuss the use of a Personal Response System in undergraduate mathematics classes at all levels. We will demonstrate its use and discuss its impact on student reactions to the course, student retention, and student learning. We will also discuss some clear benefits to the faculty member of using such a system, and the difficulties and problems one might encounter. Examples will be drawn from courses ranging from Precalculus to Group Theory. (Received September 19, 2007)