

1014-J1-31            **Sue McMillen\*** ([mcmillse@buffalostate.edu](mailto:mcmillse@buffalostate.edu)), Buffalo State College Math Dept., 1300 Elmwood Ave, Buffalo, NY 14222. *Graphing Calculator Activities to Develop Mathematical Reasoning and Number Sense.*

Participate in a variety of graphing calculator activities designed for students in remedial algebra. The activities require higher order thinking while addressing content such as place value, number sense, integer computation, probability, and scaling graphs. Students practice computation in contexts that also require mathematical reasoning and communication. The activities capitalize on calculator APPS or other features such programming capability or random number generation. The goal is to use the graphing calculator as a tool to assist in developing an understanding of the concepts. (Received June 15, 2005)