Are you smarter than a sixth-grader?
Two middle school concepts that many college students still do not understand.

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Abstract: After informally observing elementary and middle school pre-service teachers understanding of fraction concepts, small assessments were developed to gauge understandings and identify misconceptions. The transfer of knowledge between different models of fractions was of particular interest. This led to research which is currently being conducted about students estimation strategies and understanding of estimation both at the college level and in middle school. Preliminary qualitative findings will be shared.

Dr. Cochran was the first to receive a Ph.D. in Mathematics Education from Texas State University. Upon graduation in 2010, she accepted a position as Assistant Professor at Berry College. Her research interests combine topics from Discrete Mathematics and Mathematics Education and include Analysis of Teacher Social Networks, Teacher Philosophies, and Unit Distance Graphs.