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John M. Harris* (john.harris@furman.edu), Department of Mathematics, Furman University, Greenville, SC 29613. *Mathematical Mentalism*.

Tell a group of students that you are about to read their minds, and you will have that group's attention. Actually appear to read their minds, and you will have them wondering how you did it. And that is when you've got them where you want them — analyzing how that seemingly impossible feat must have been accomplished.

In this talk we will present several "magical" numbers — numbers with properties that are well suited for classroom mind reading. These ideas can serve as great classroom openers or as motivation to discover and prove special relationships. (Received September 20, 2006)