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Emiliano Gomez* (emgomez@berkeley.edu), 985 Evans Hall, Dept. of Mathematics, University of California, Berkeley, CA 94720-3840. *Mathematical thinking and problem solving through games and puzzles.*

We will present examples of mathematical games and puzzles that can be used in math circles with elementary through high school students, and that can be used to teach problem-solving strategies and to introduce important mathematical concepts. (Received February 28, 2020)