

CPS 296.1

Learning in games

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“2/3 of the average” game

- Everyone writes down a number between 0 and 100
- Person closest to $2/3$ of the average wins
- Example:
 - A says 50
 - B says 10
 - C says 90
 - $\text{Average}(50, 10, 90) = 50$
 - $2/3$ of average = 33.33
 - A is closest ($|50 - 33.33| = 16.67$), so A wins

“2/3 of the average” game revisited

