

1145-VB-1140 **Steven W Davis*** (sdcomet900@att.net), 864 S Wildflower Ln, Anaheim, CA 92808. *History of Math in Competitive Math Problems.*

Where do writers get their ideas for competitive math problems? Sometimes we just steal a concept from the history of math. Mathematicians over the centuries have always tried to outdo their colleagues by dreaming up more complicated problems for each other to solve. I try to outdo high school students by dreaming up competitive problems that rely on some historical concepts. I will demonstrate 11 problems I dreamed up with some help from the history of math. I hope you will participate. (Received September 19, 2018)