

Submit your solutions before the finishing date to the address: ProbOfTheWeek@utdallas.edu

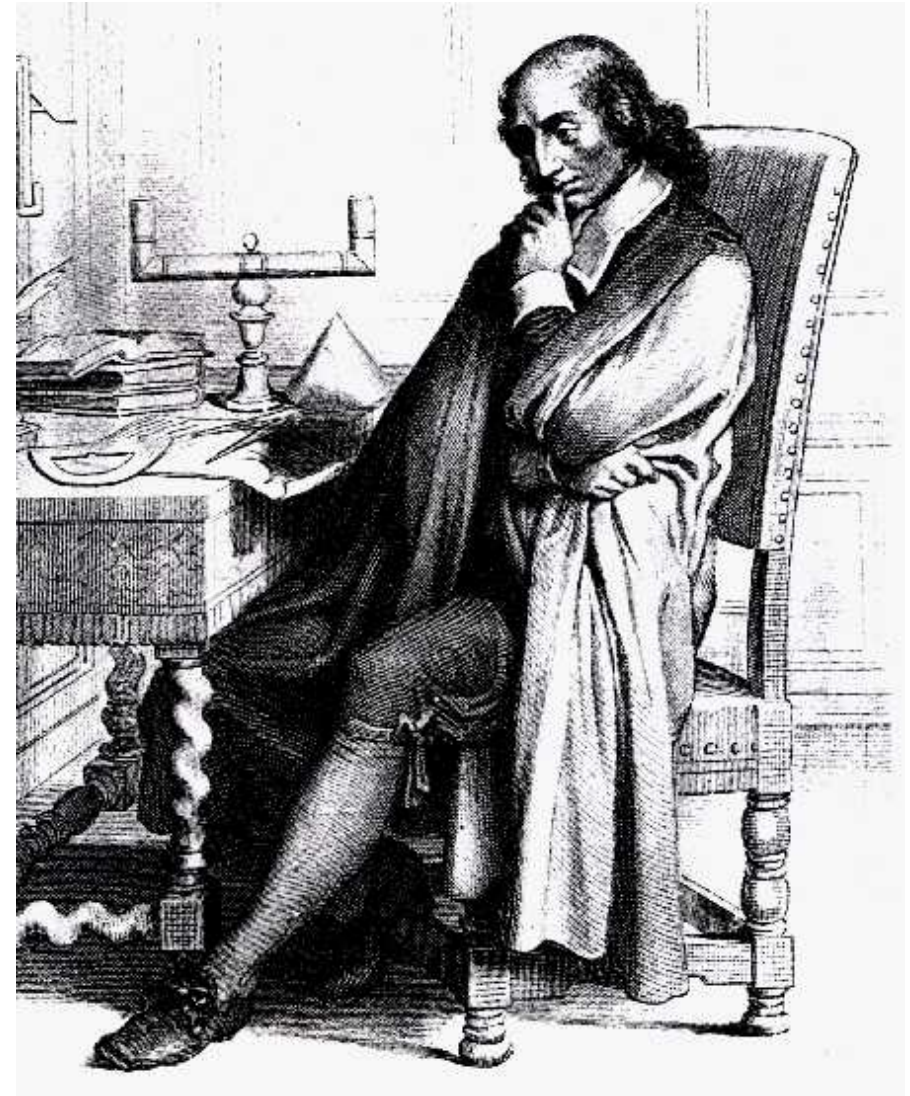
## Problem of the Week

Finishing date: 12/16/2015

Pete is testing ToughPhones. These gadgets are so tough that they will stop functioning only when falling from large enough height. Pete is trying to figure out that critical height dropping them from 120-story building. He got three identical ToughPhones. How many times must he drop them to find the critical height?

Previous problem winners:

**Dylan Gale** (first solution),  
Brian Kieffer and Sirish Pradhan.



All the information about the Problem of the Week challenge can be found at <http://ProbOfTheWeekUTD.wordpress.com>

