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Problem of the Week  
Number Six  
October 14, 2013

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This week's problem is a little exercise in thinking about "odds." Also, I like the picture:



Keep in mind that "odds" are merely another way of talking about probability. If you do not recall how they work, then I invite you to Google "odds." Now, here's the problem:

**If the odds are 2 : 1 against the hippo, and 3 : 2 against the rhino, then what should the odds be against the giraffe?**

Solutions are due to Jason Rosenhouse by 5:00 on Friday, October 18. Please write your solution clearly somewhere on an official POTW problem sheet. Be sure to explain your answer! Place your name, e-mail address, and the section numbers and professors of any math courses you are taking, in the upper right corner of the page. One weekly winner will receive a five-dollar gift card from Starbucks. Winners will be drawn randomly from among the correct answers. Problems are available at the bulletin board outside Room 119, and also at the website:

<http://educ.jmu.edu/~rosenhjd/POTW/Fall13/homepage.html>