

# The Math News

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## INTEREST IN MATHEMATICS INCREASES

One hundred twenty-five members of the **Class of 2006** heard the Mathematics Department's presentation at the Majors Briefs on January 6, while 100 looked into the Quantitative Economics major. Math was the first or second choice of 70 plebes; 67 listed Quantitative Economics as their first or second choice.

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This issue's quotation: He who loves practice without theory is like the sailor who boards ship without a rudder and compass and never knows where he may cast. Leonardo da Vinci

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## MATHEMATICS MOVIE NIGHT

LCDR Marc Lucas (USNA Math Major, Class of 1991) will host another movie night on Tuesday, January 28. He'll screen the fictional techno-thriller "Pi" at 6:30 in a room to be announced.

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Visit the Mathematics Department web site at <http://www.usna.edu/MathDept/website/index.htm>

## MATHEMATICS JEOPARDY RETURNS!

Tuesday, February 11, 7-8 pm in CH117.

Contact your math prof or send e-mail to Prof. D'Archangelo ([jmd@usna.edu](mailto:jmd@usna.edu)) if you're interested in competing on the 2006 team.

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*Career Corner Operations Research Analysts* apply mathematical skills to find possible solutions to organizational problems. They help organize complex operations such as airports, hospitals and military deployments.

*Market Research Analysts* use mathematics and statistics to analyze past sales and predict future sales. They provide information needed for companies to make decisions about price, design, and promotion of products.

*Medicine and Law:* Mathematics majors are excellent candidates for medical school and law school.

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**Math Problem:** A juggler has three coins, one ordinary quarter, one two-headed quarter and one two-tailed quarter. He selects one coin at random, flips it, and shows you that the top side has a head on it. What's the probability that the bottom side also has a head?