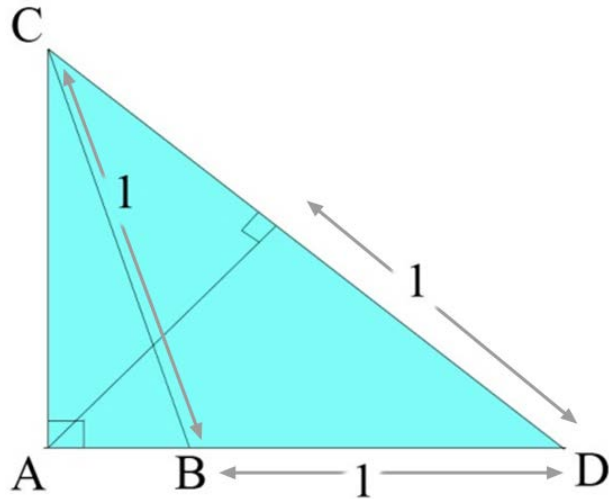


What's the solution to  $\sqrt{4 + \sqrt{4 - \sqrt{4 + \sqrt{4 - x}}}} = x$ ?



What is the length of AB?

If a fair coin is tossed  $n$  times, what is the probability that no two consecutive heads appear?

The answers to these questions and more can be found in the  
1 s.h. course...

## **MATH280: Problem Solving for Mathematical Competitions**

**Fall 2012, Thursdays 3-4pm**

**Register now!**

For more information, email Eric Errthum ([eerthum@winona.edu](mailto:eerthum@winona.edu))