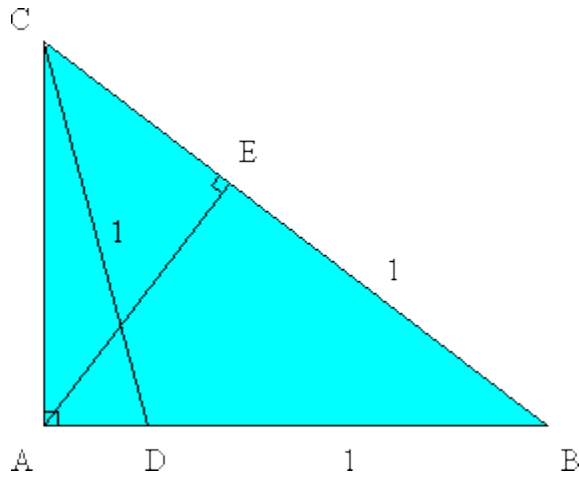What's the solution to $\sqrt{4 + \sqrt{4 - \sqrt{4 + \sqrt{4 - x}}}} = x$?

What is the length of AD?

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…

MATH 280: Problem Solving For Math Competitions

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