

1067-P1-1701 **Jason Rosenhouse*** (rosenhjd@jmu.edu), 305 Roop Hall, Dept. of Mathematics and Statistics.,
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The Monty Hall problem, also known as the game show problem or the three-door problem, is a classic brainteaser in conditional probability. The correct solution is so counter-intuitive that many people steadfastly refuse to accept it. We shall discuss the classical version of the problem, as well as several variations. This will allow us to clarify the probabilistic issues involved in understanding problems of this sort. (Received September 21, 2010)