

You are offered the following bet: for \$1 you can choose to roll 1 die or 2. If you roll 1 die and get an even number, the payout is \$3.00, otherwise you lose your money. If you roll 2 dice and get an 11 or 12, the payout is \$15.00. Should you play, and if so, how? What if the respective payouts were \$1.00 and \$10.00?