Lottery tickets cost the same for every given jackpot, which might present an opportunity to make a profitable bet for very high jackpots. This work analyses whether buying a lottery ticket might be profitable in the mean value, for a given number of tickets sold, for four major American and European lotteries: Mega Millions, Powerball, EuroJackpot, Euro Millions. A regression of the sales on the jackpot is carried out for the American lotteries to find out whether some combination of the jackpot and the tickets sold, which was determined to be profitable, can be expected to happen.